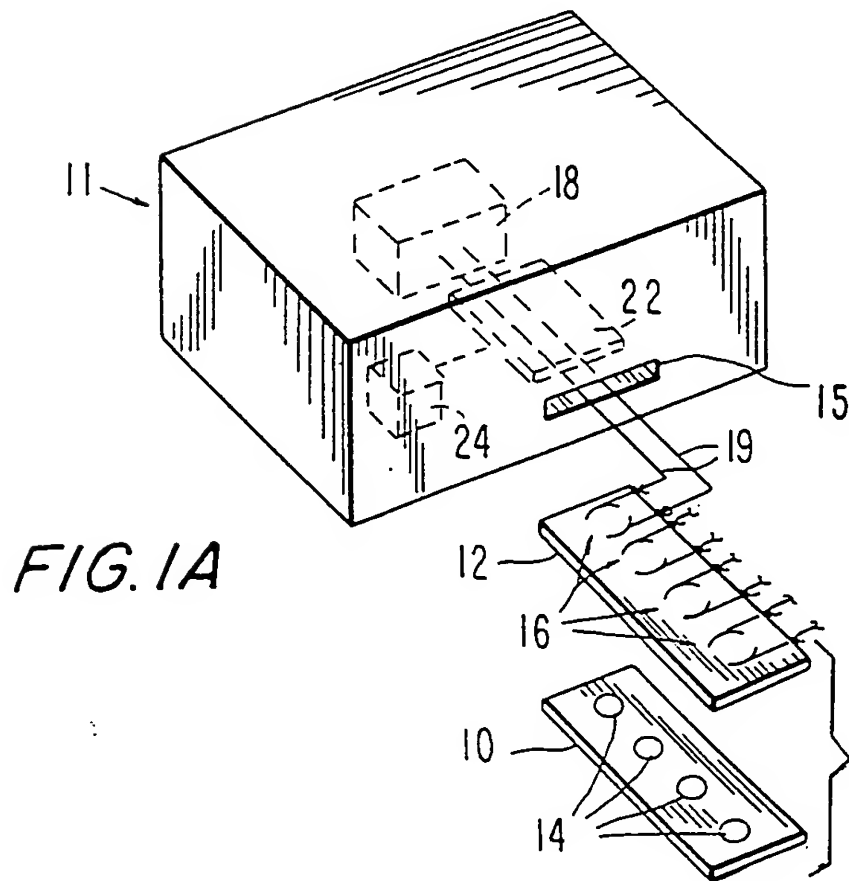
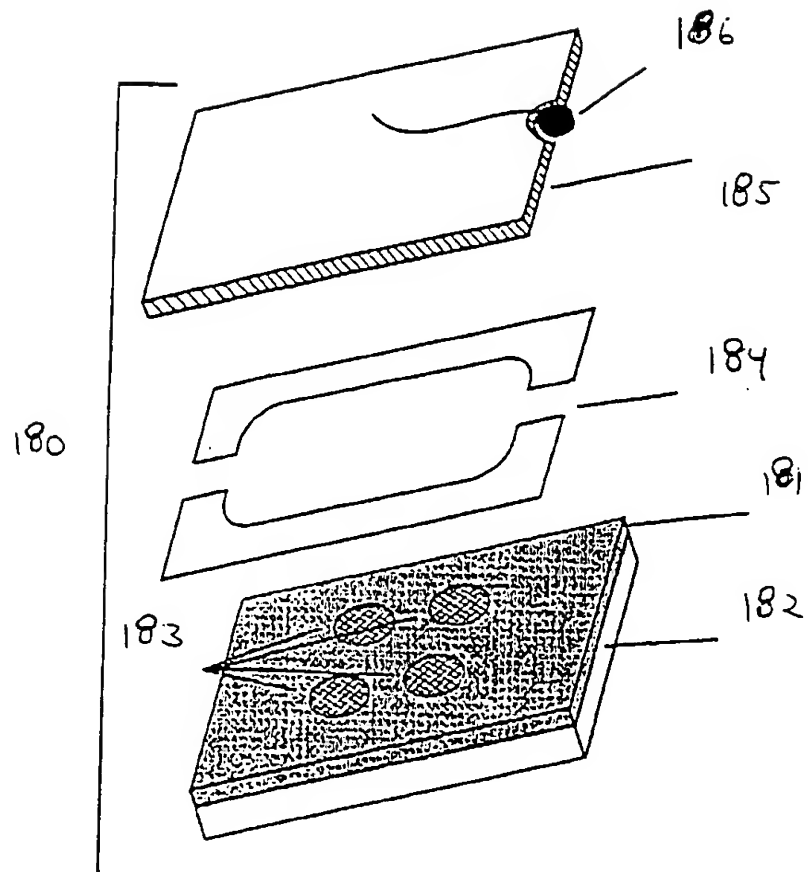
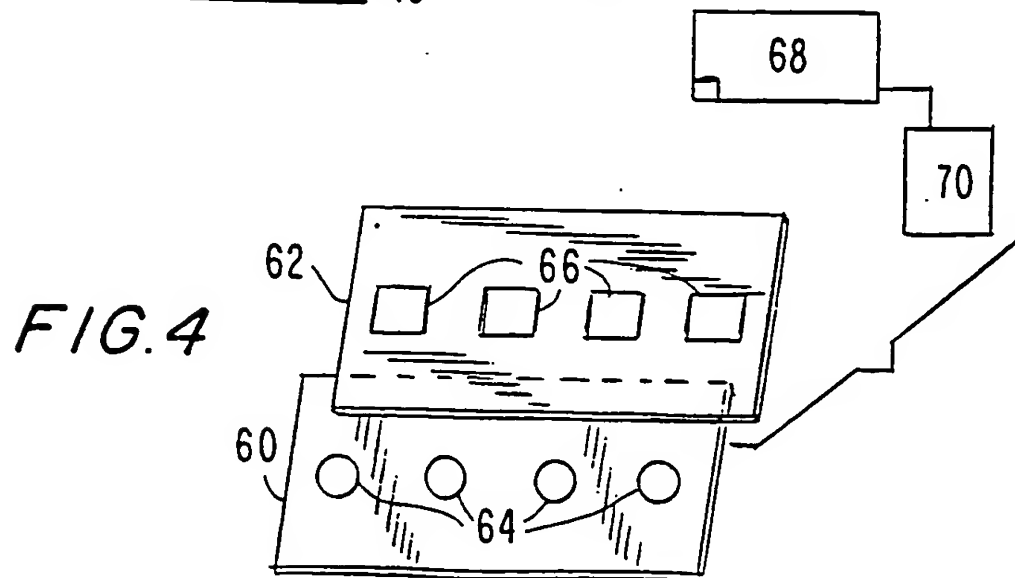
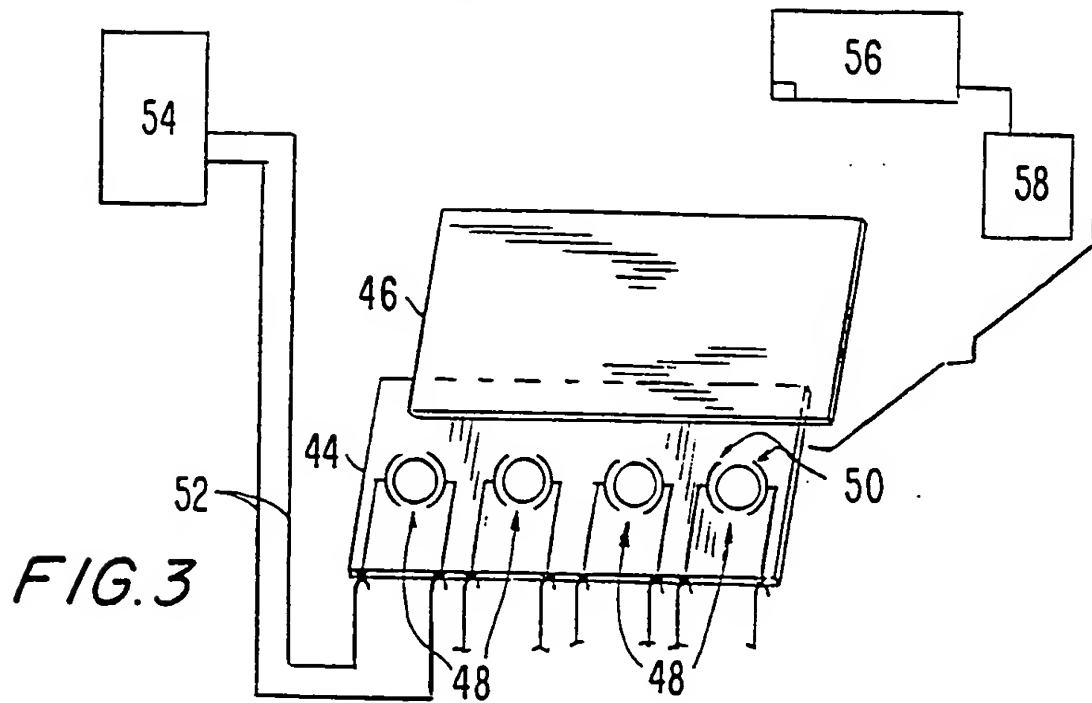
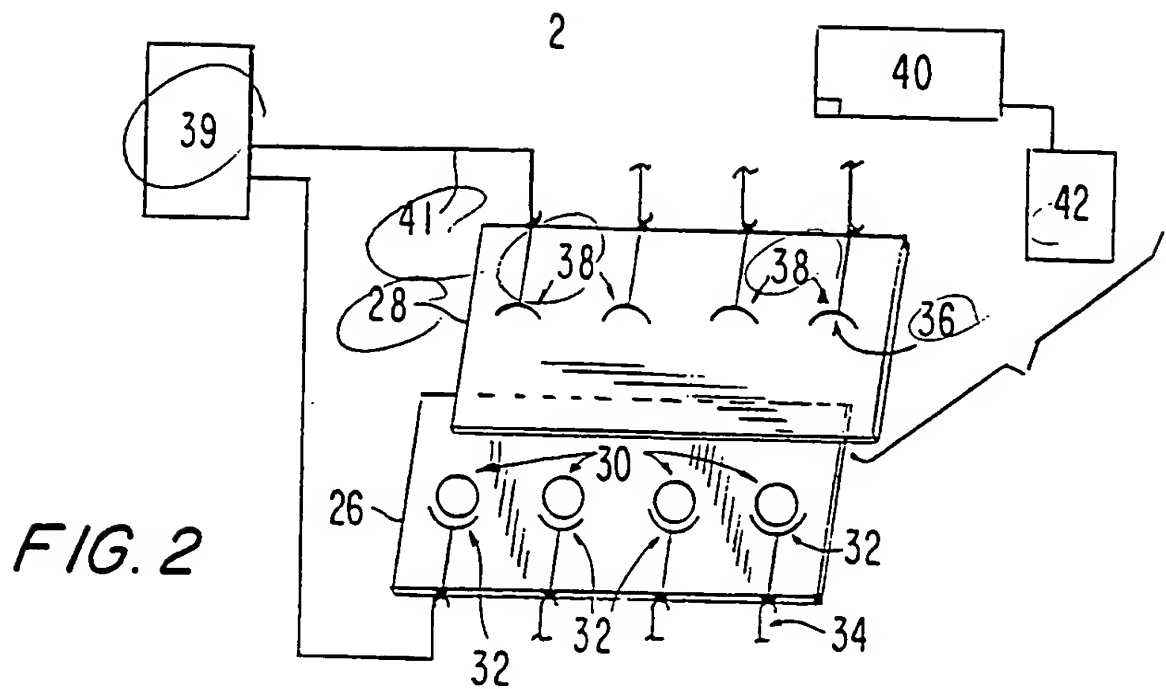


Figure 1





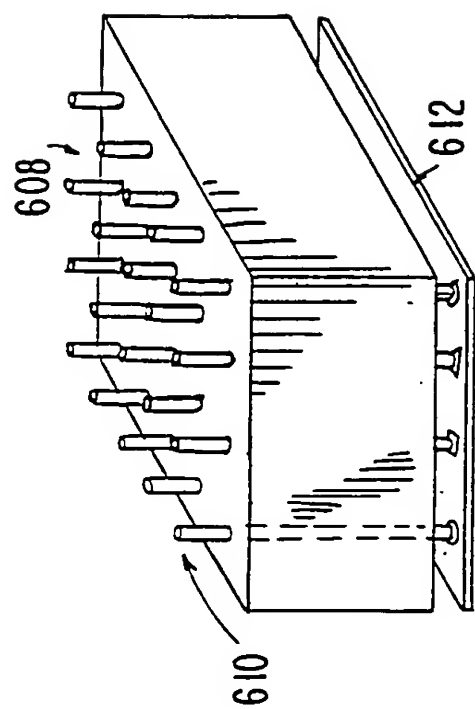
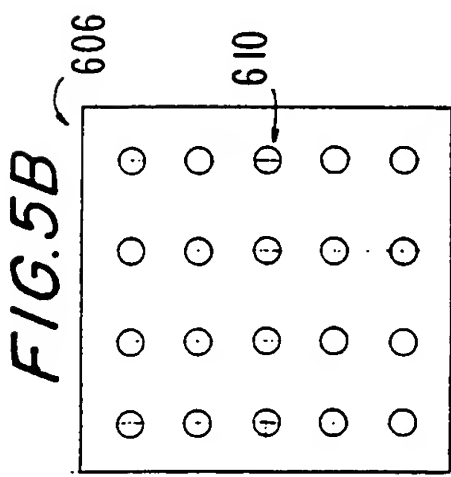
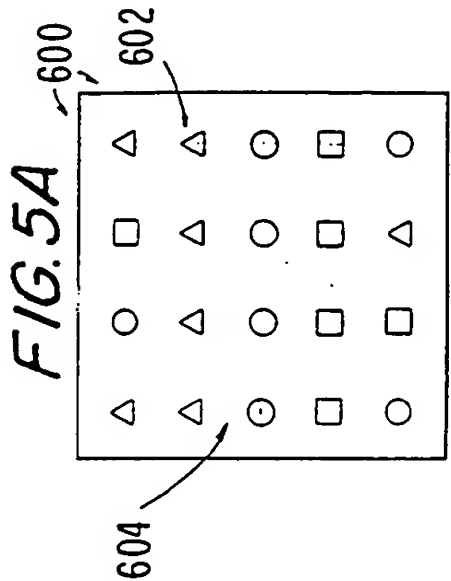


FIG. 5C

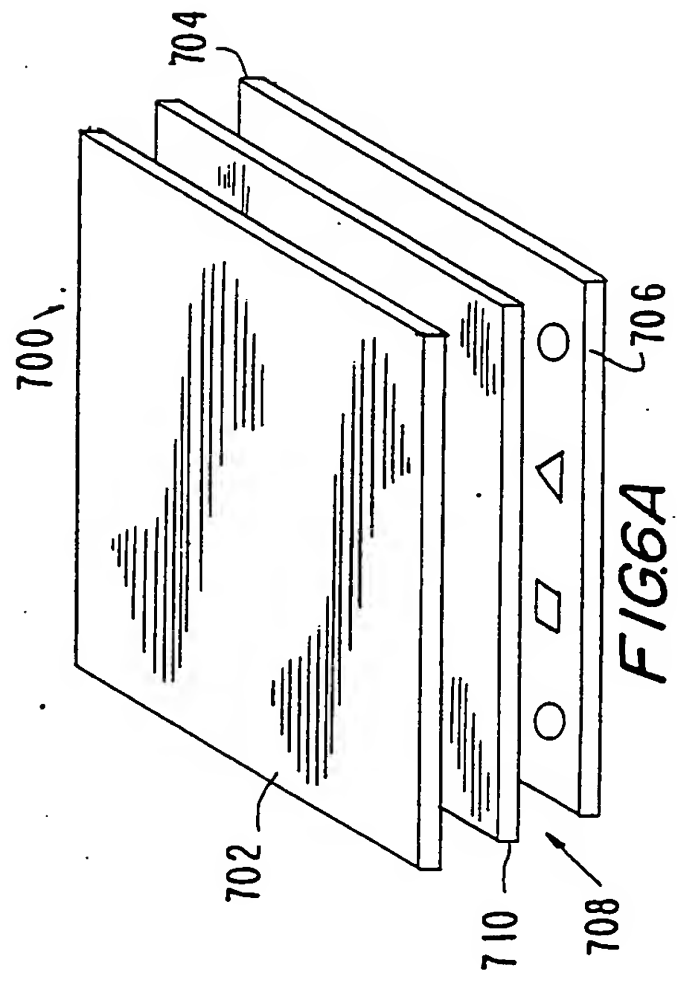


FIG. 6A

3

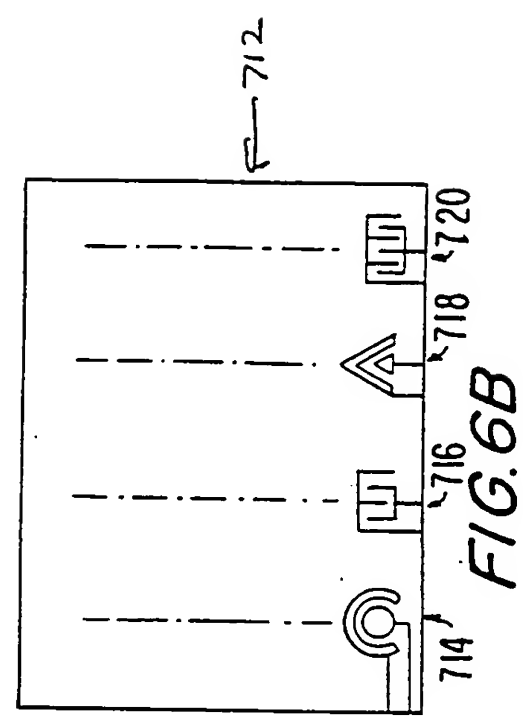
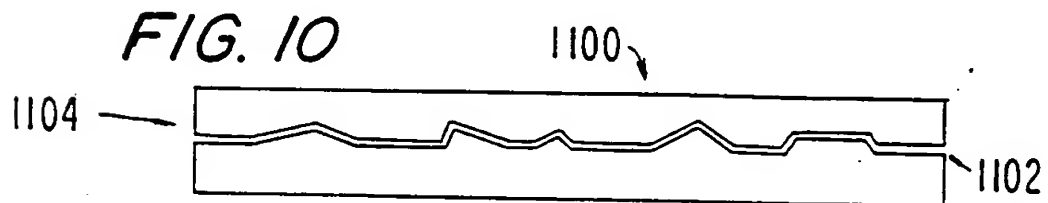
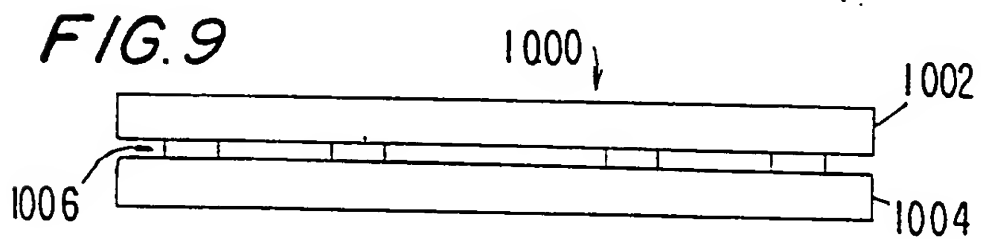
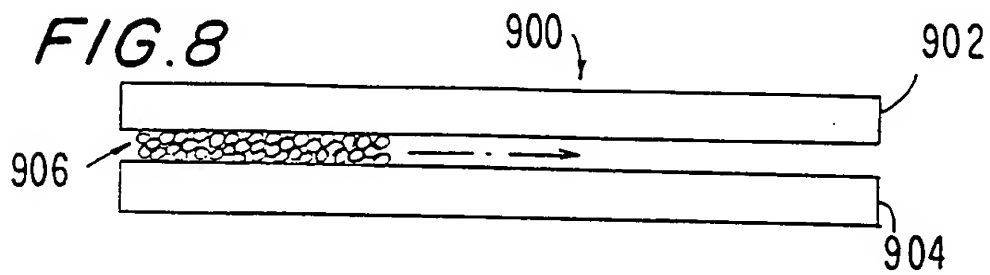
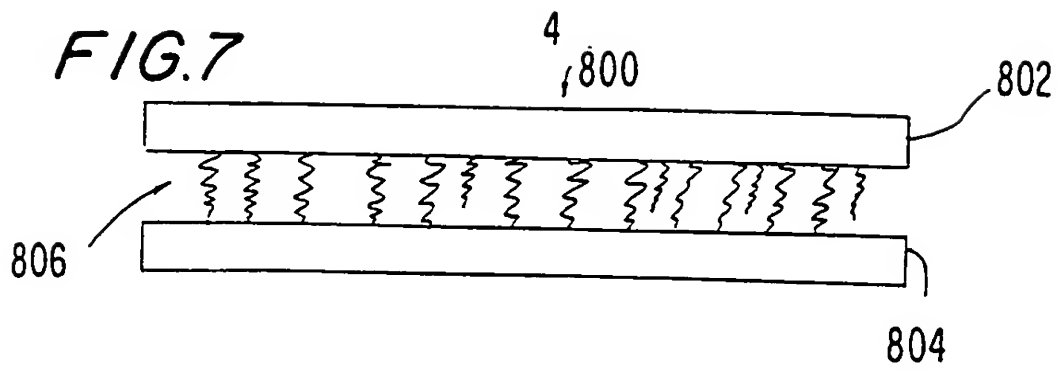
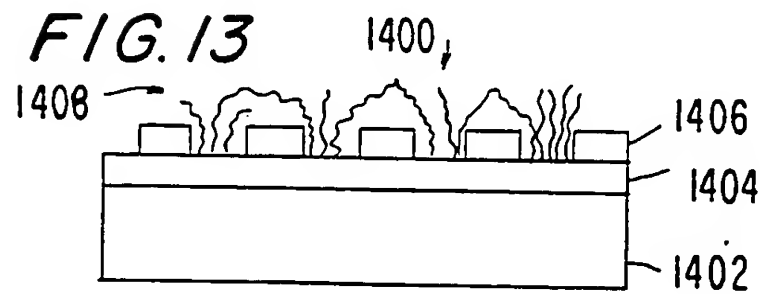
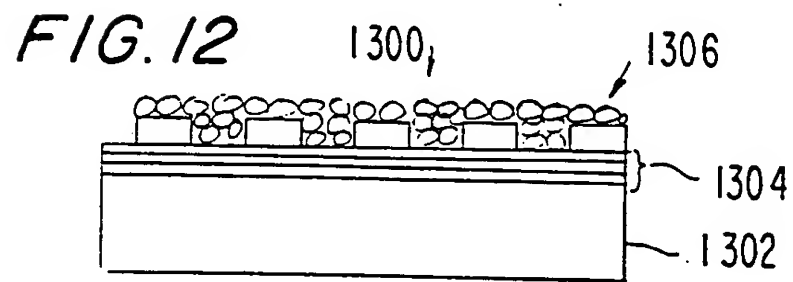
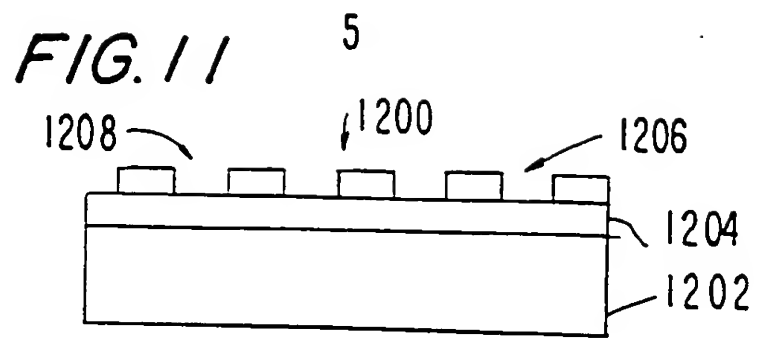
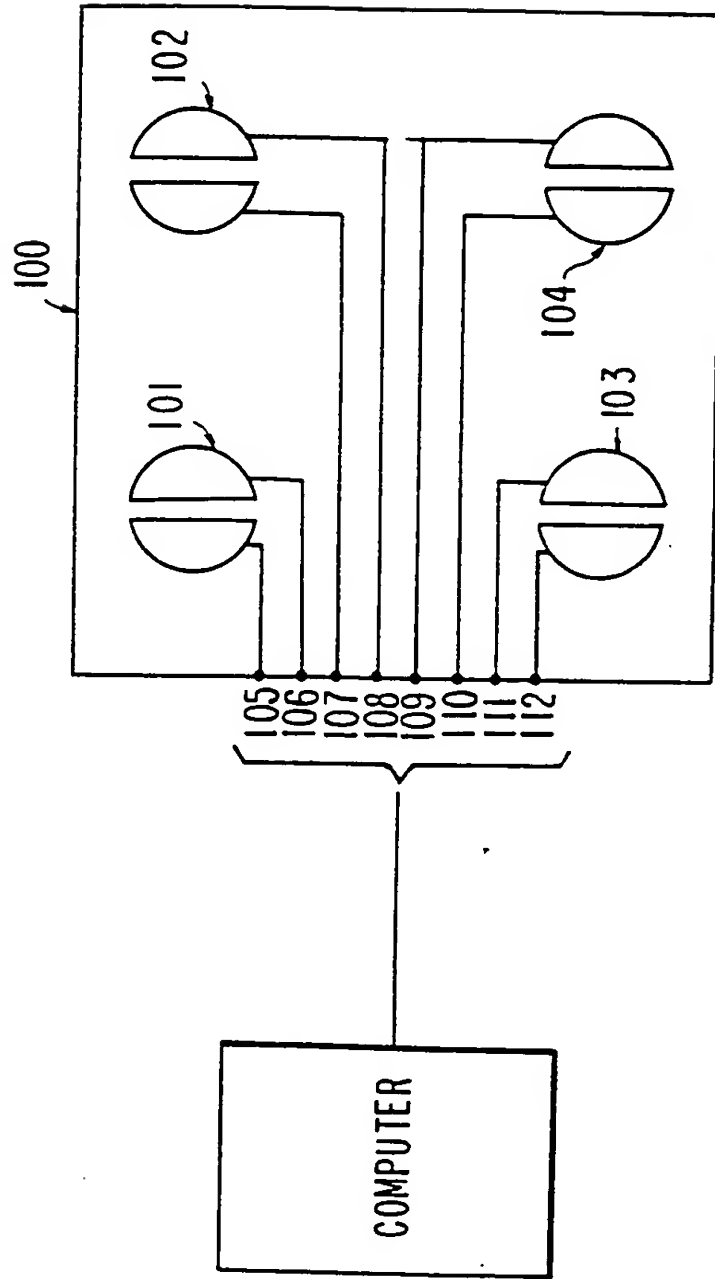
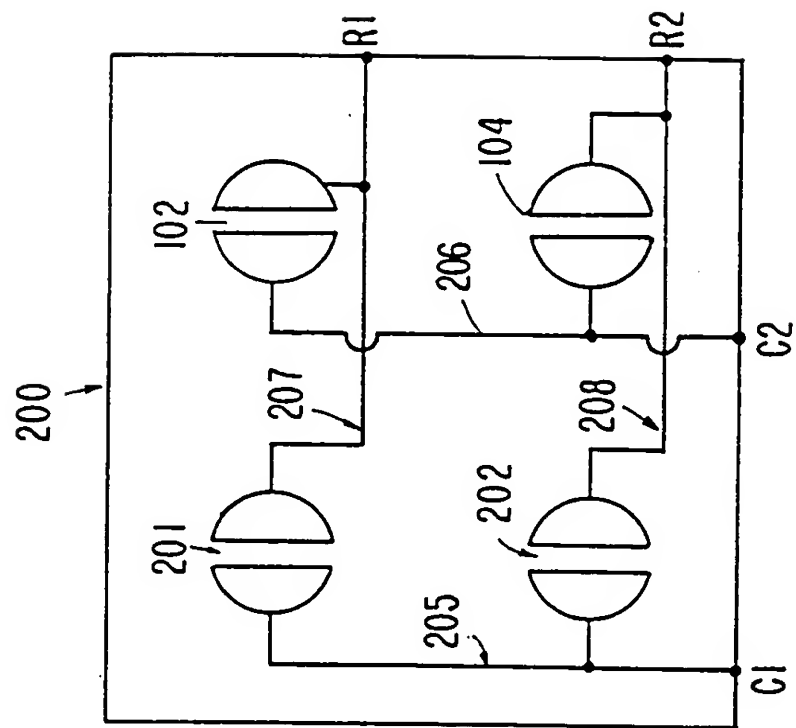


FIG. 6B





*FIG. 14*

*FIG. 15*

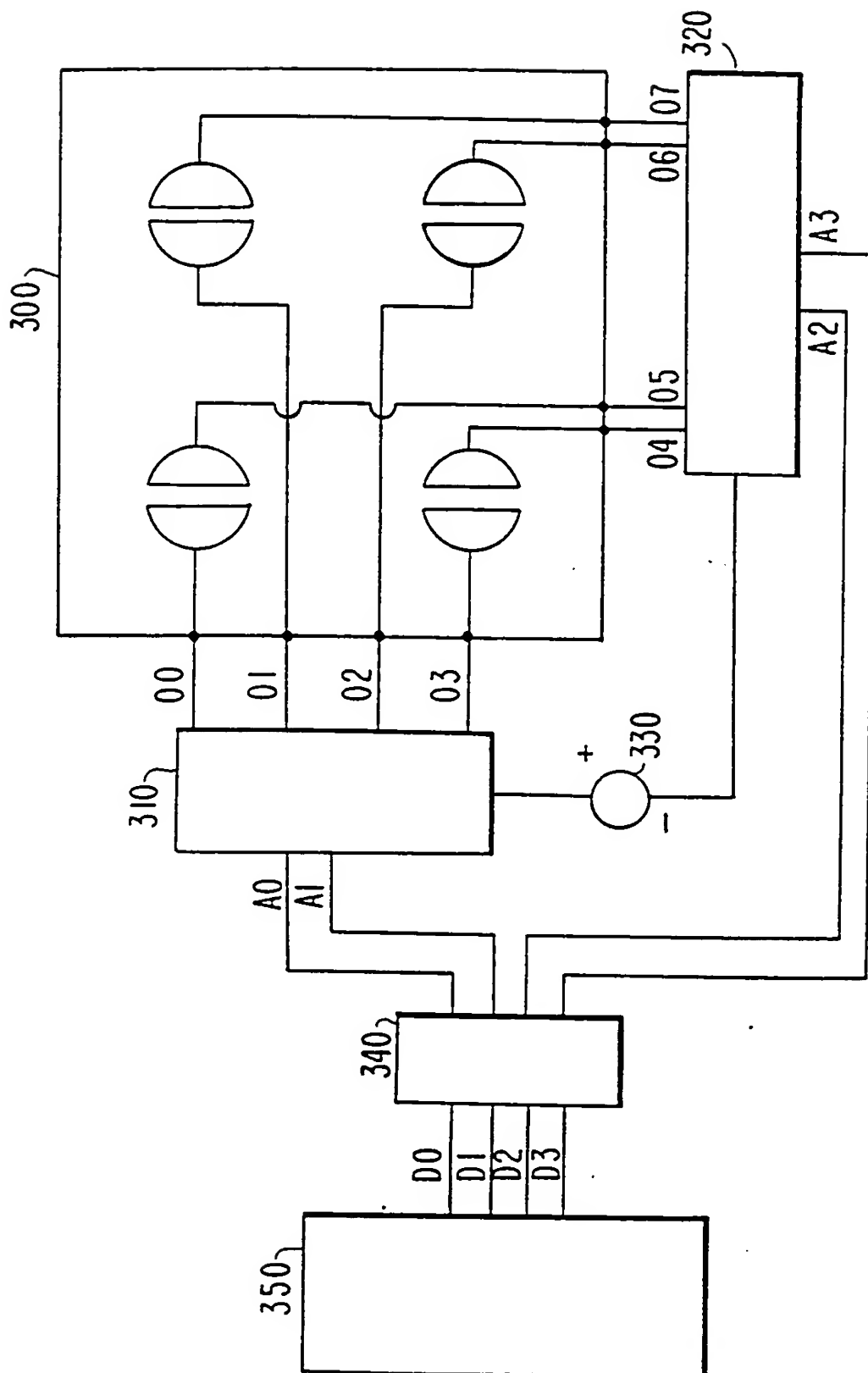


FIG. 16

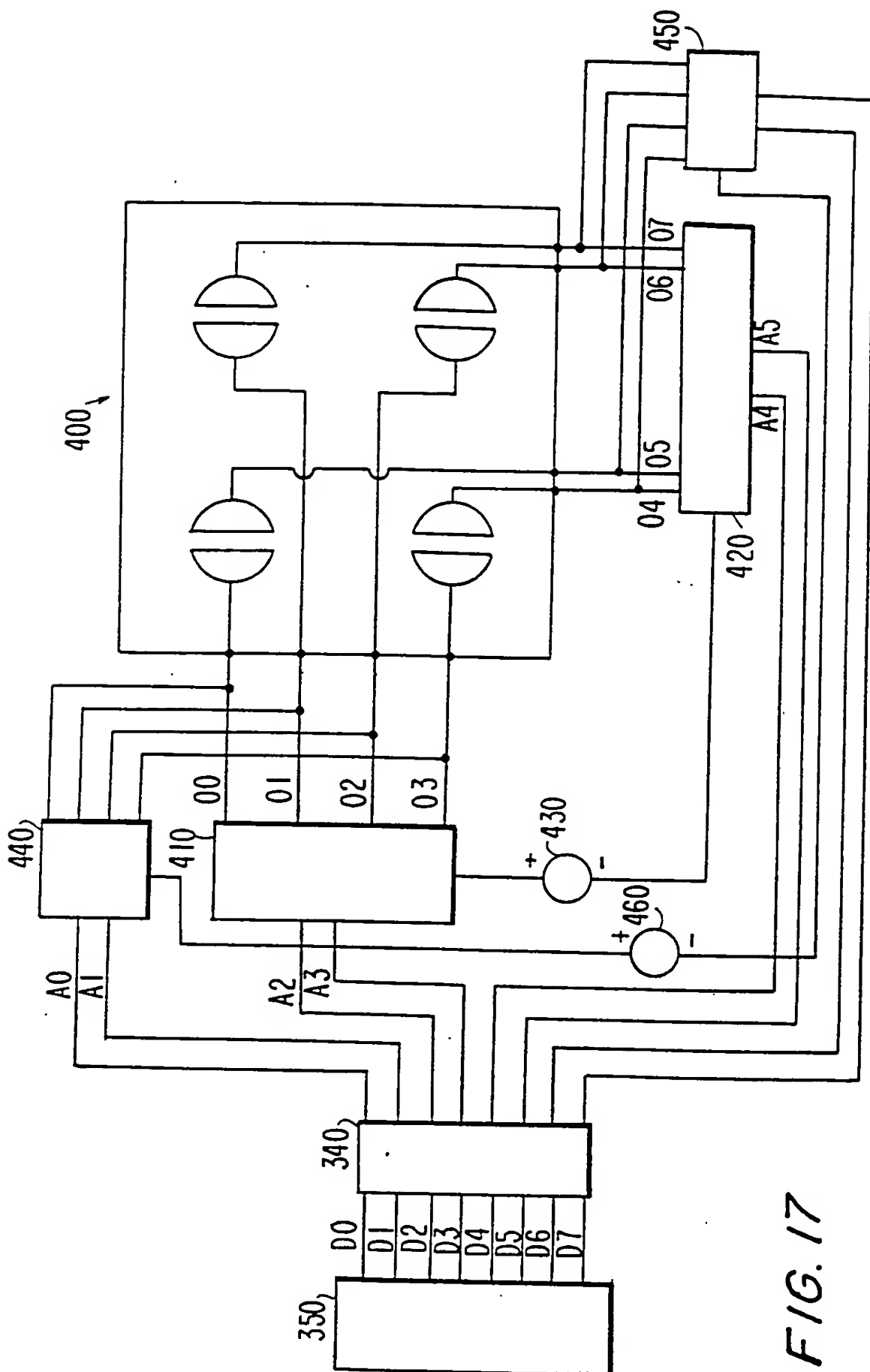


FIG. 17

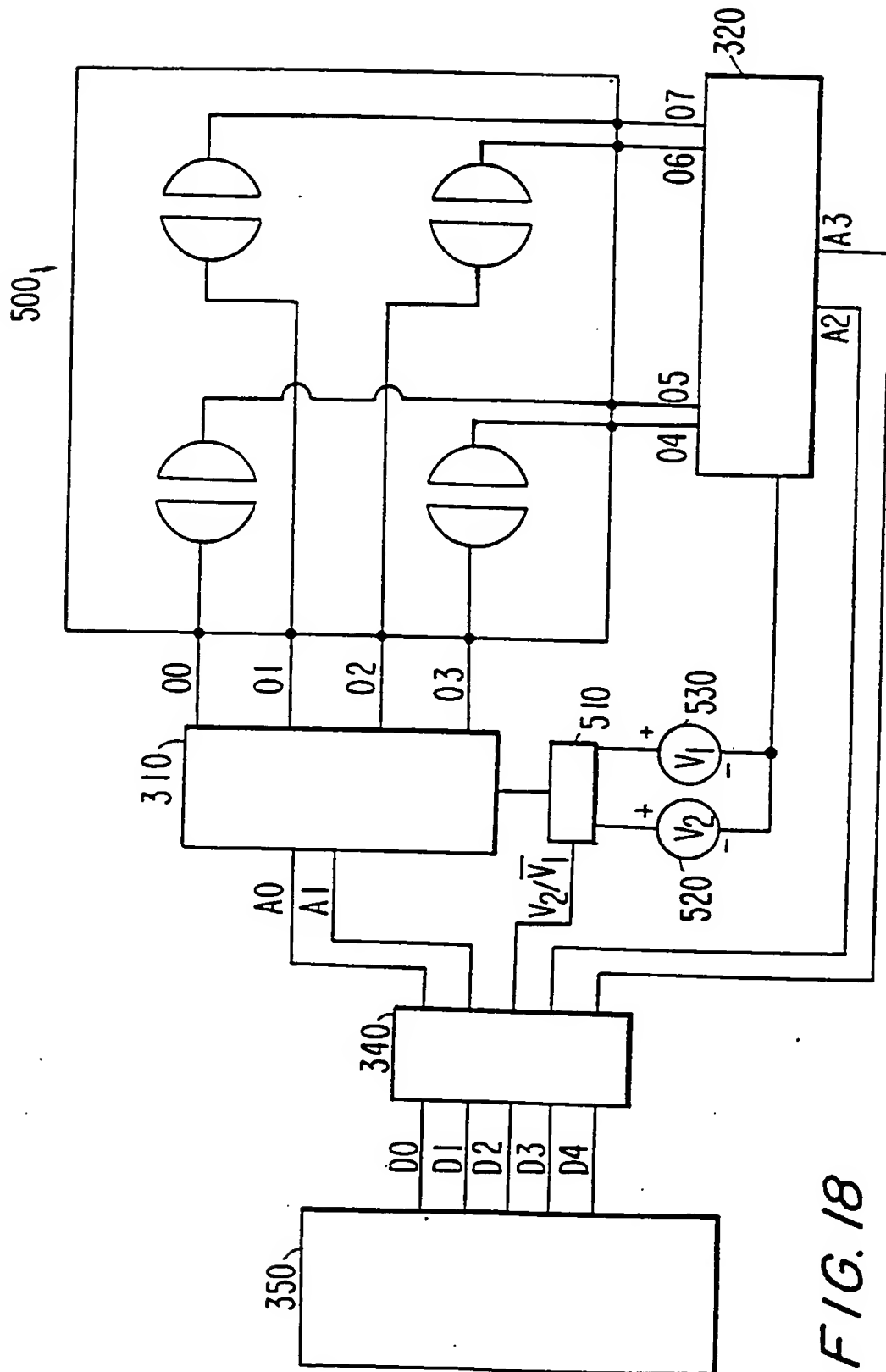
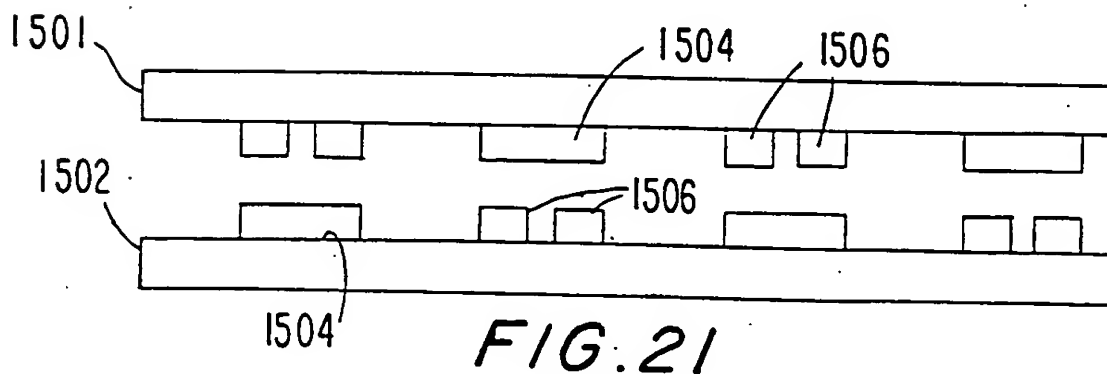
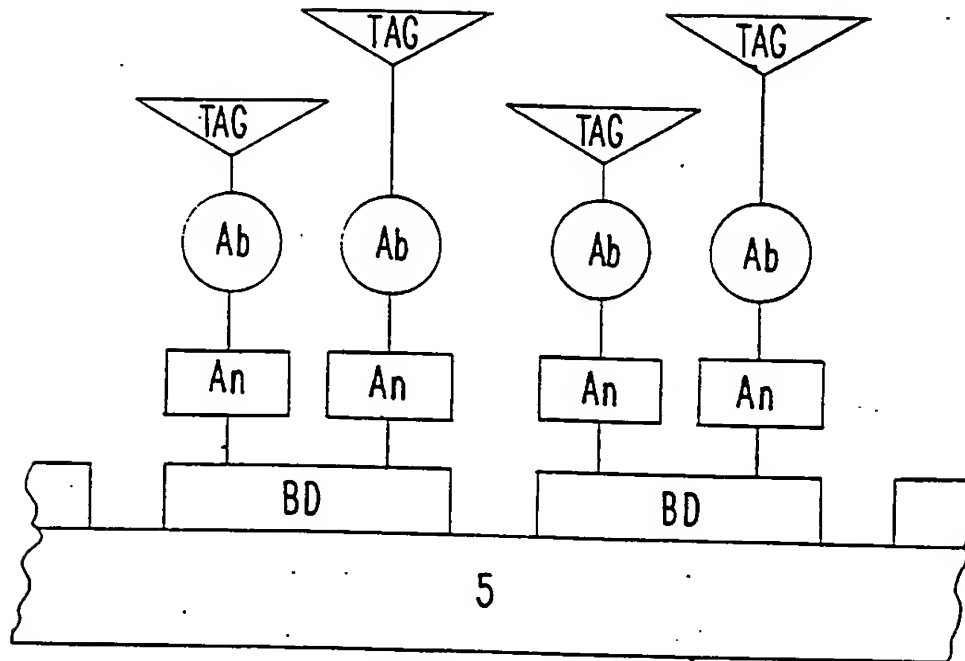
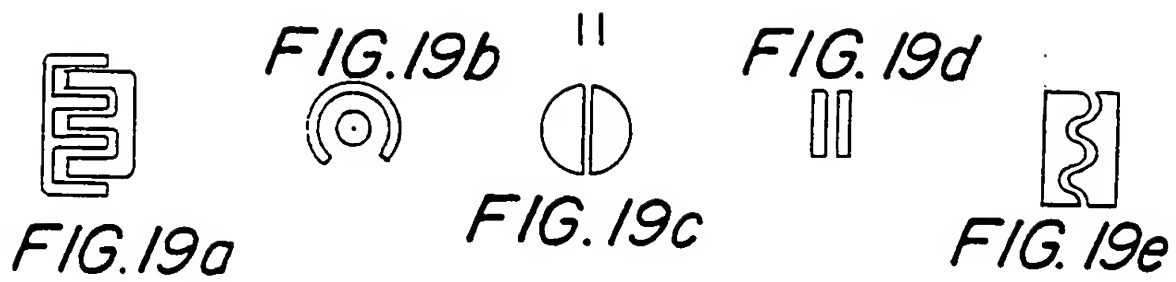


FIG. 18



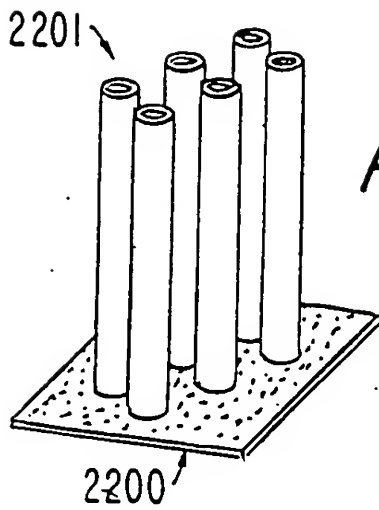


FIG. 22A

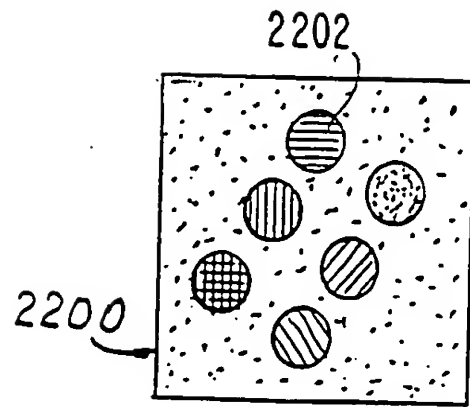


FIG. 22B

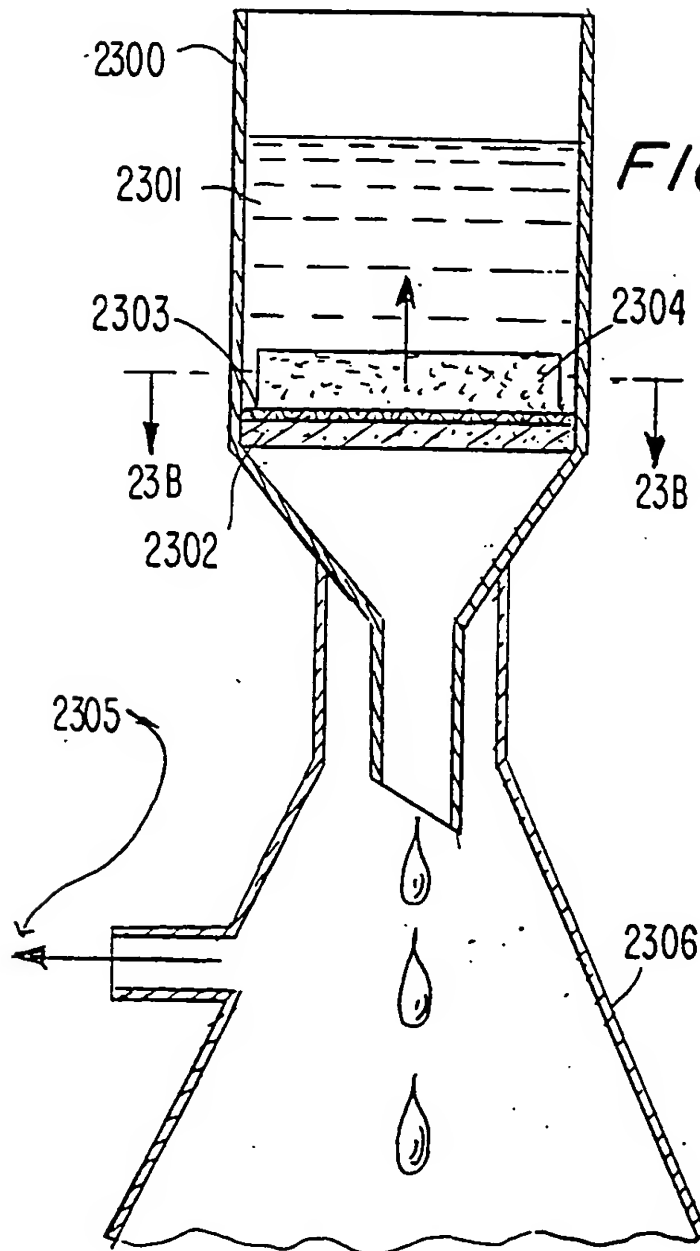


FIG. 23A

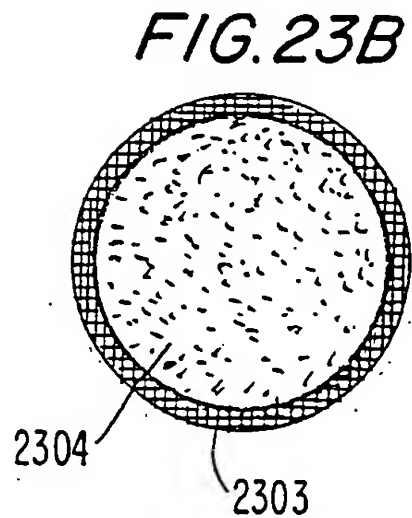


FIG. 23B

13

FIG. 24

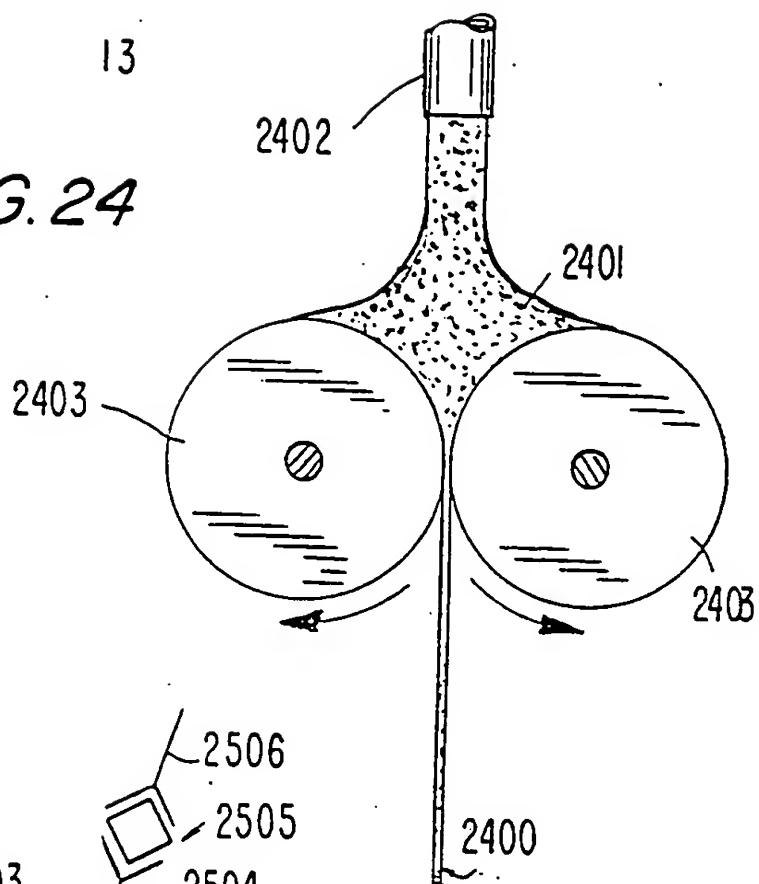


FIG. 25

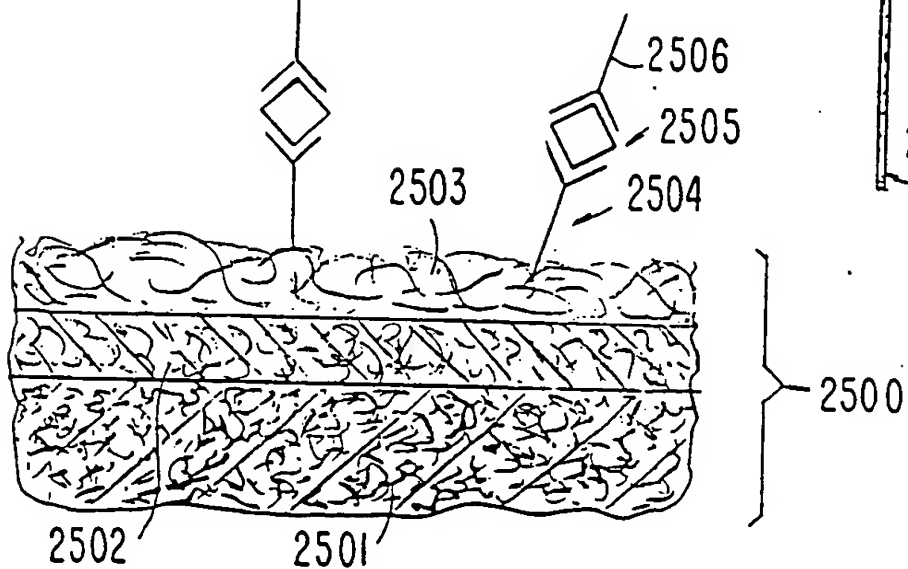


FIG. 26

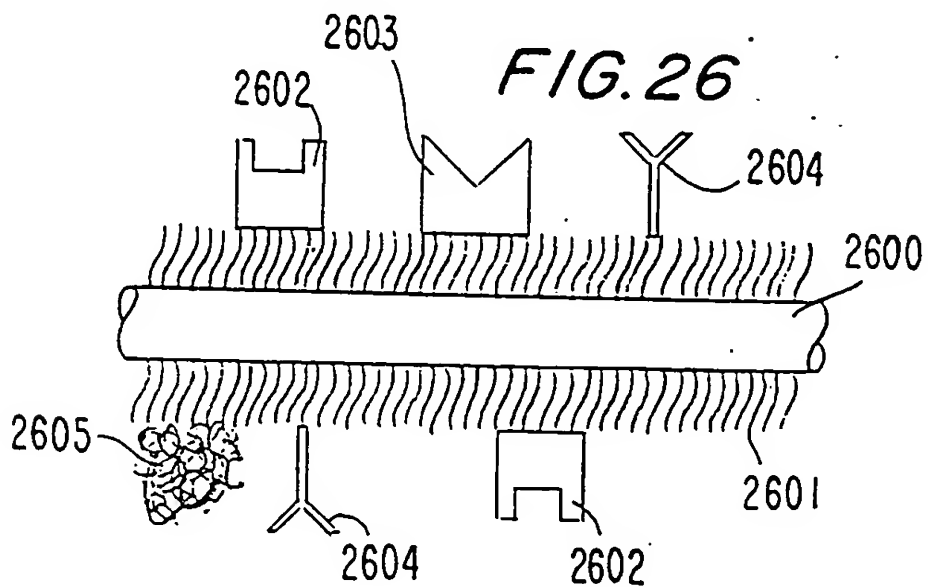


FIG. 27

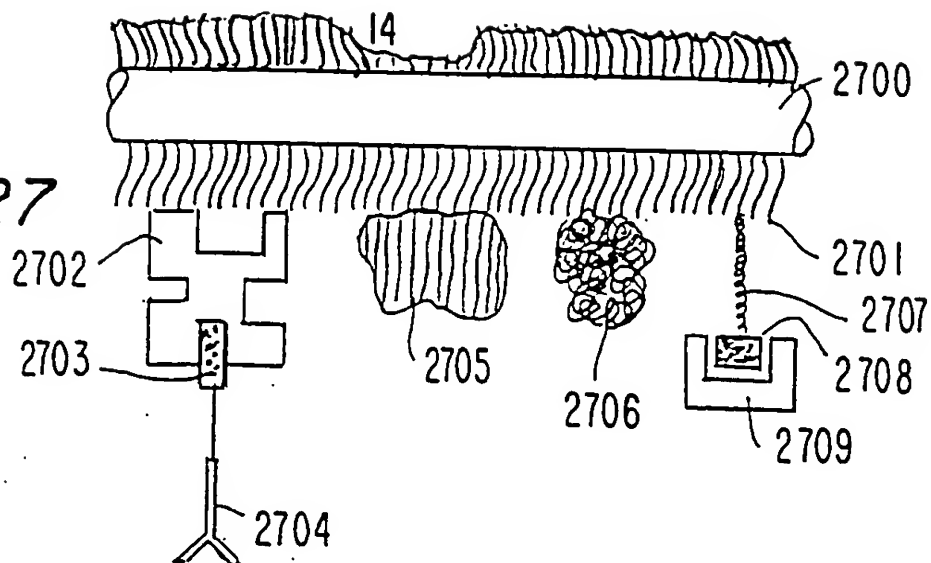


FIG. 28

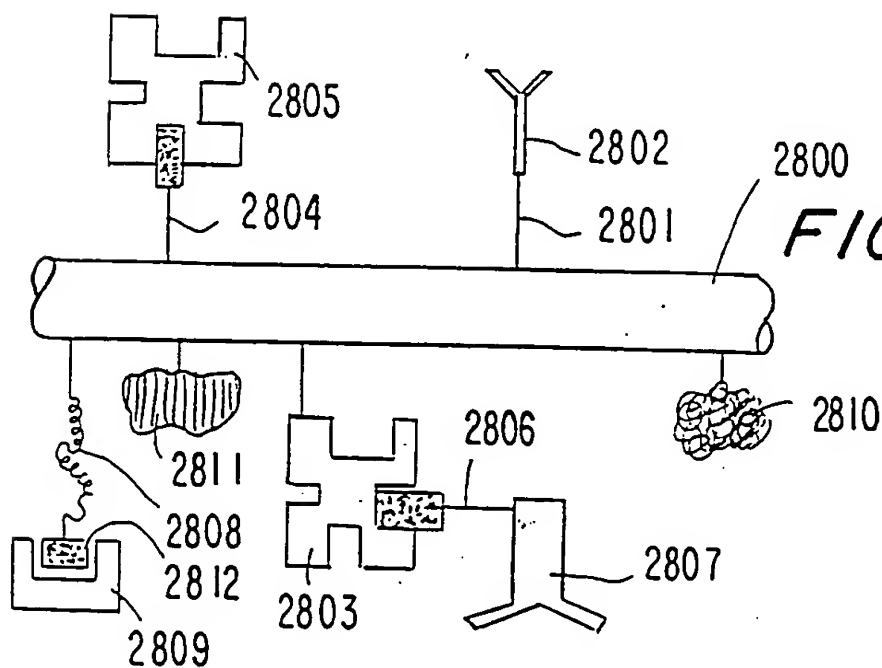
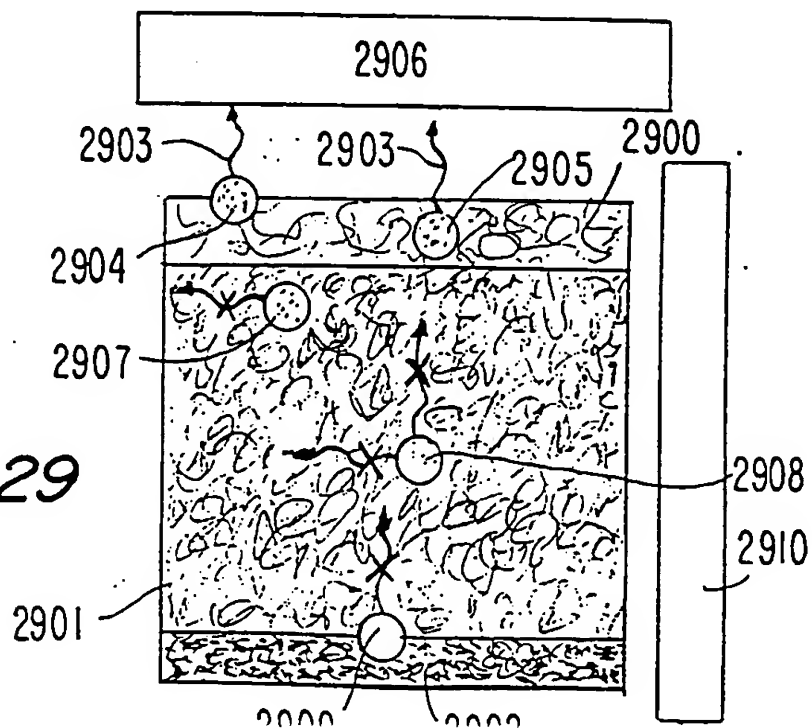


FIG. 29



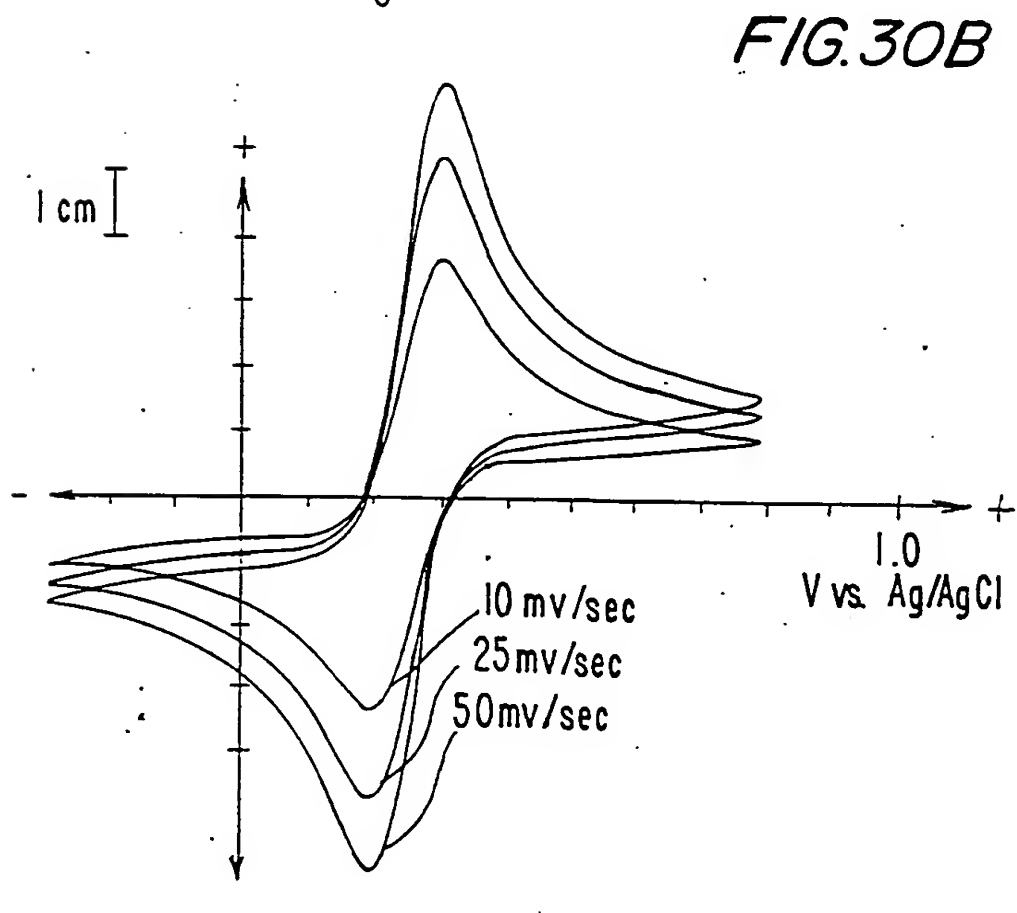
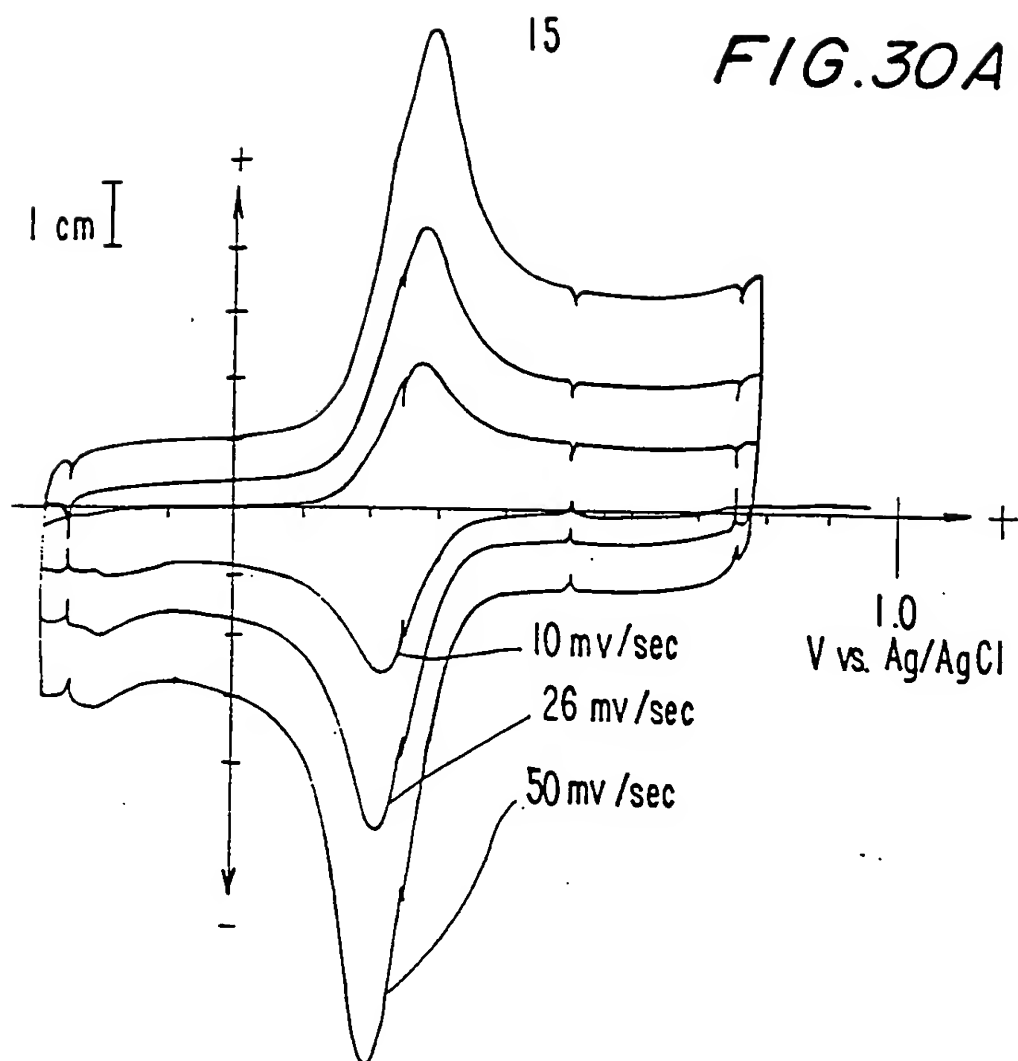


FIG. 31

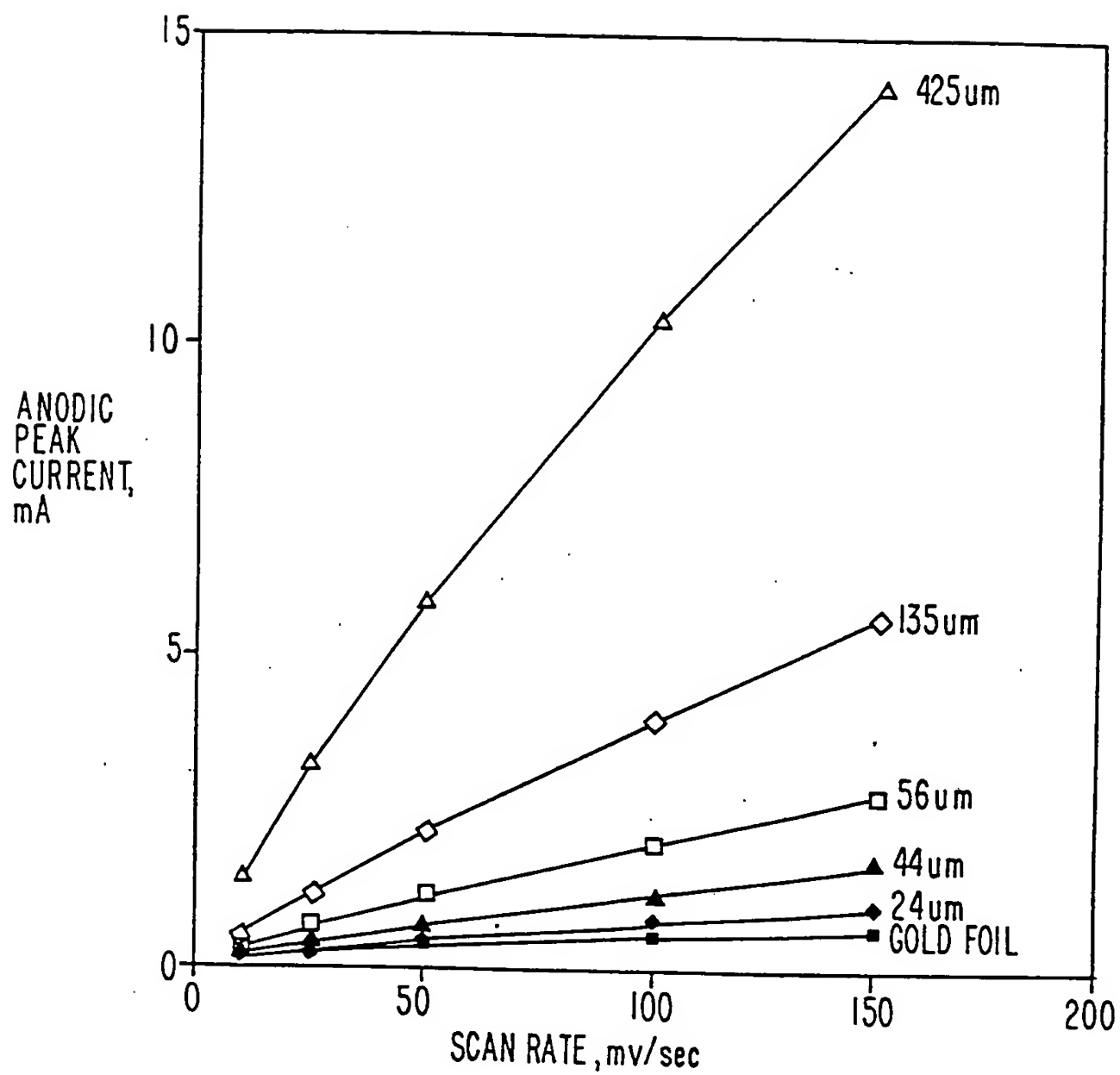


FIG. 32

ECL PEAK INTENSITY

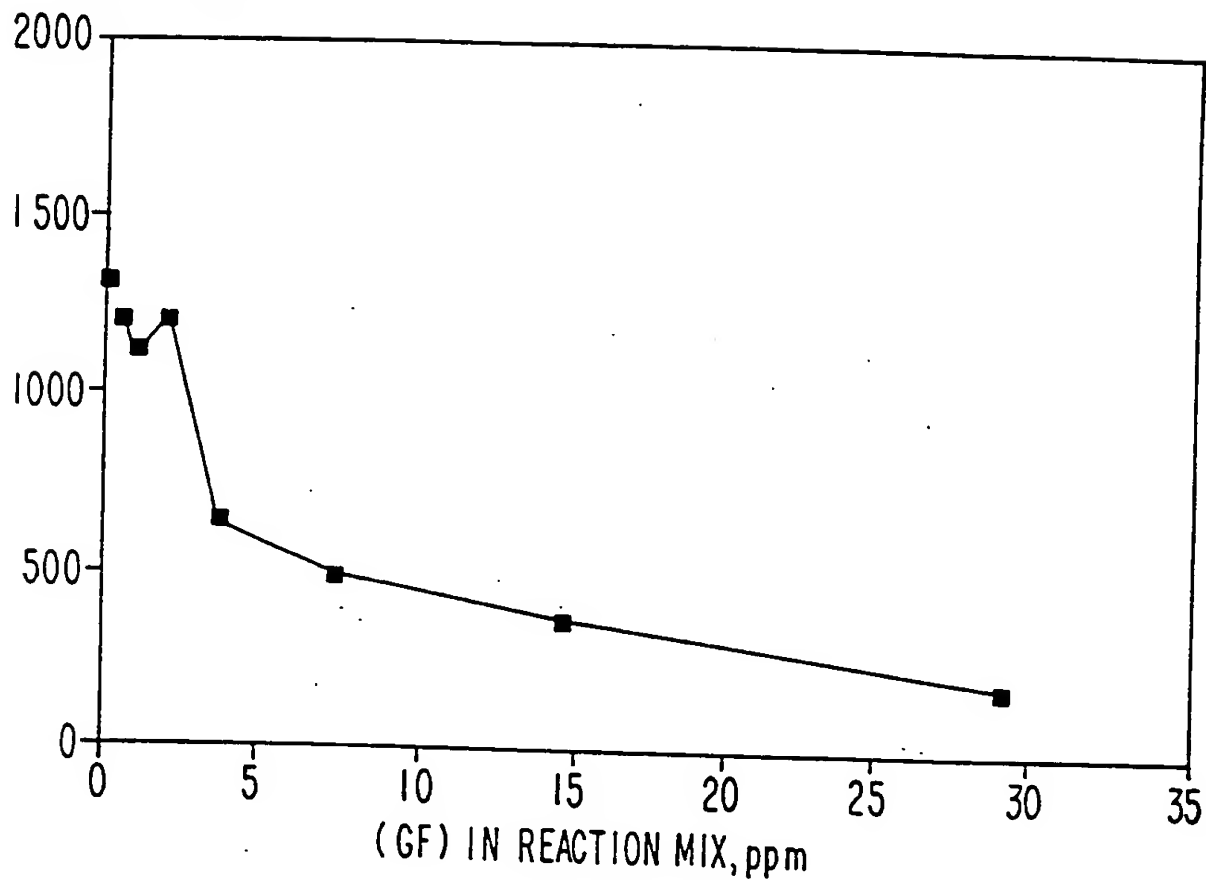
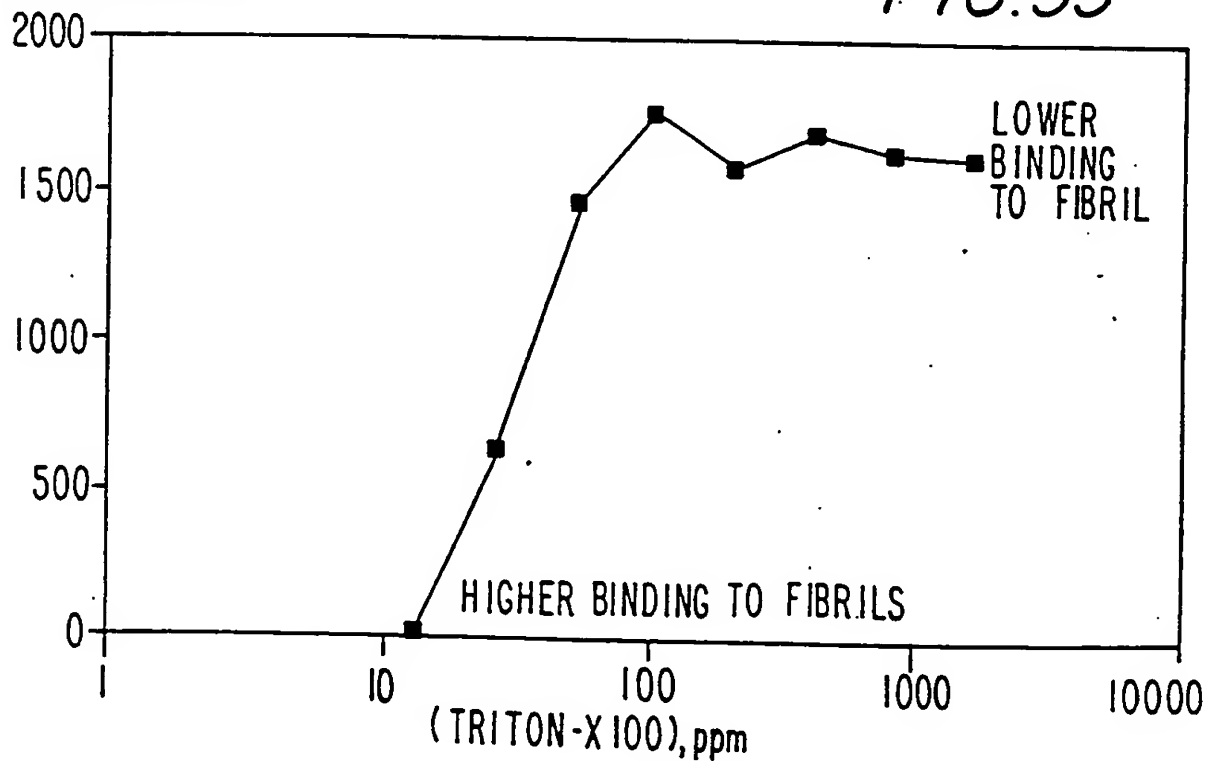
ECL PEAK INTENSITY
OF SUPERNATANT

FIG. 33



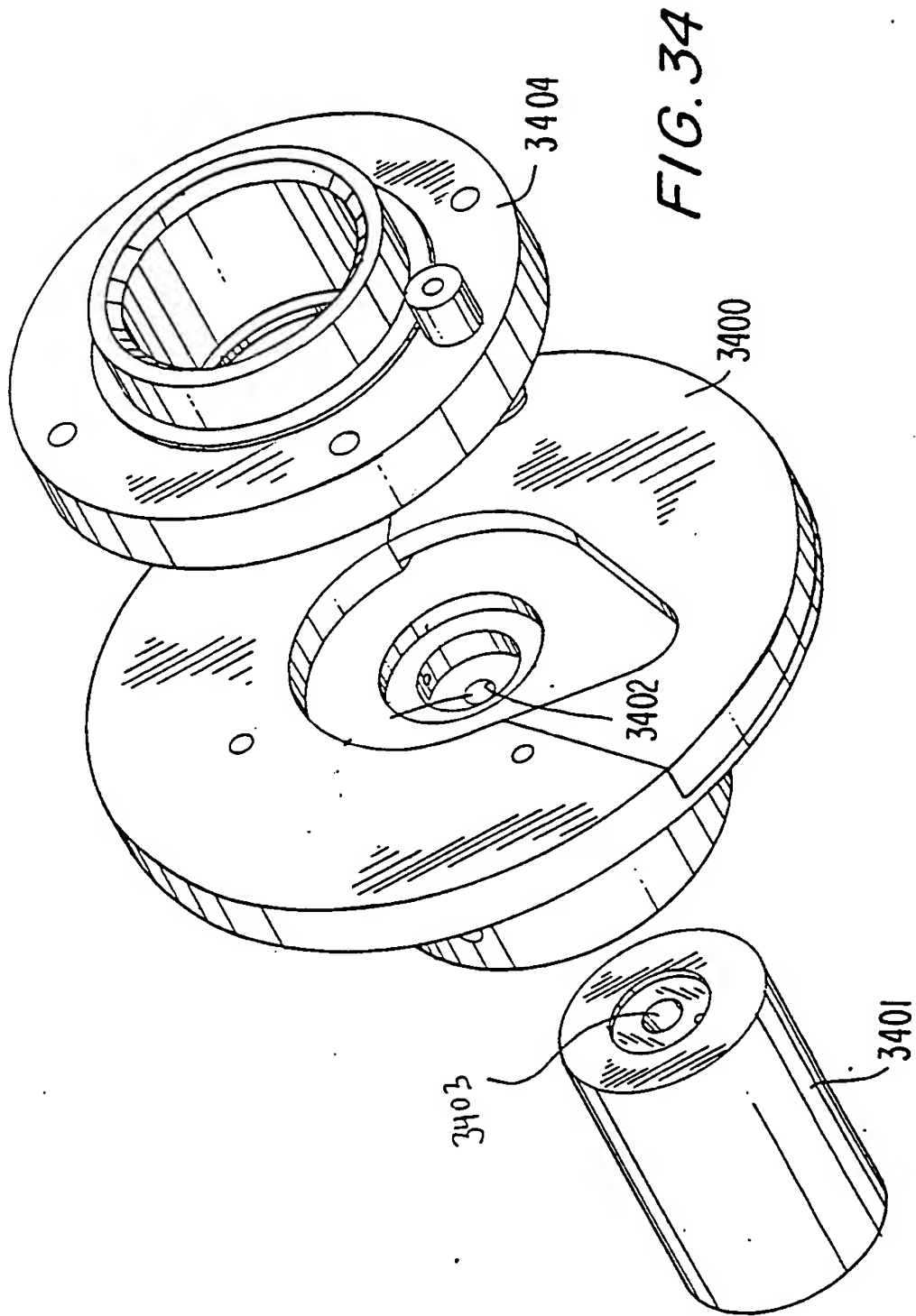


FIG. 35

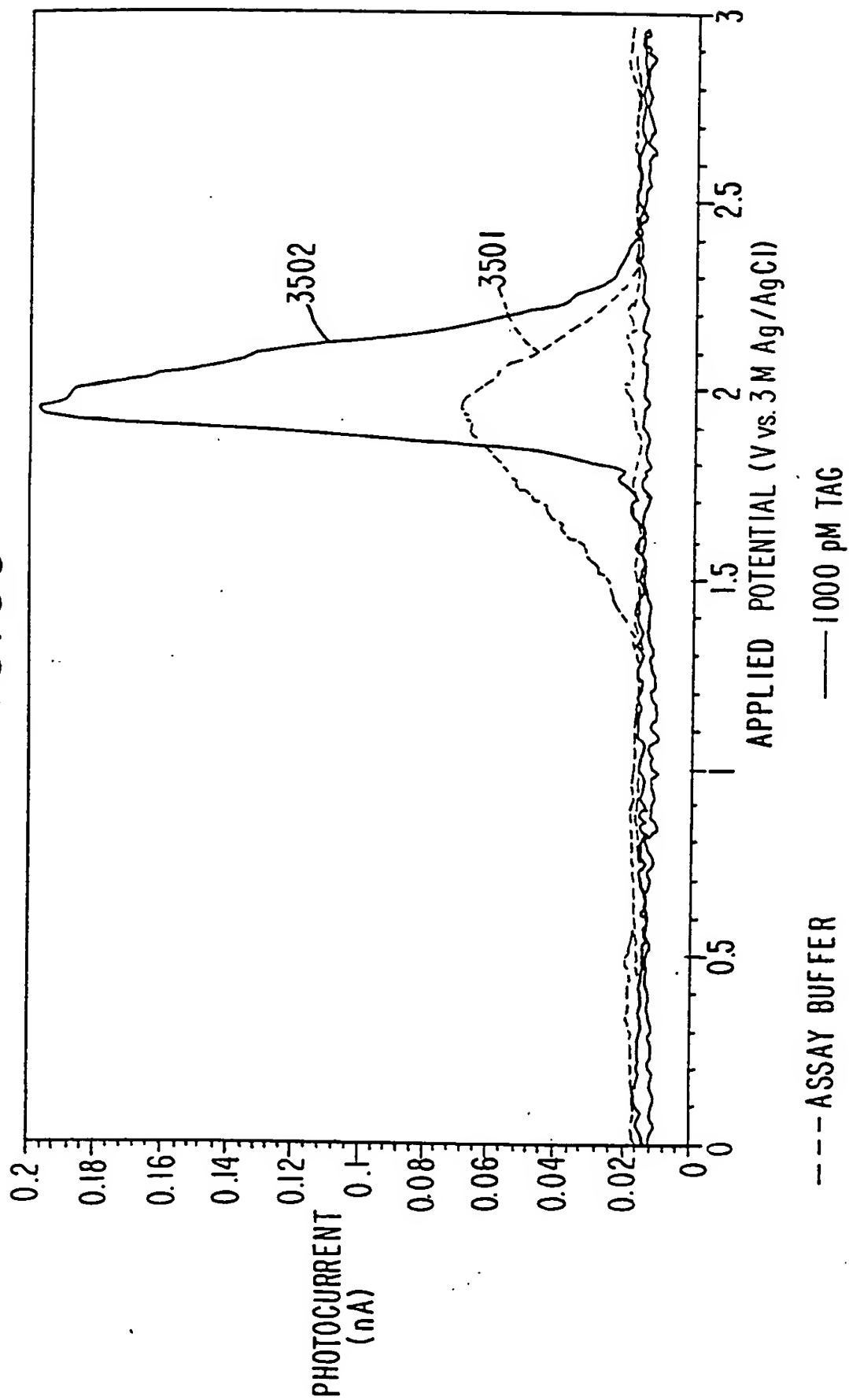


FIG. 36

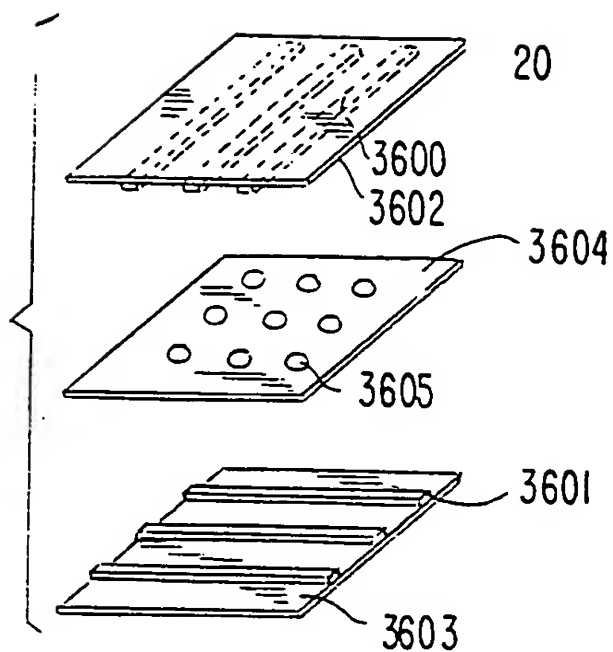


FIG. 37

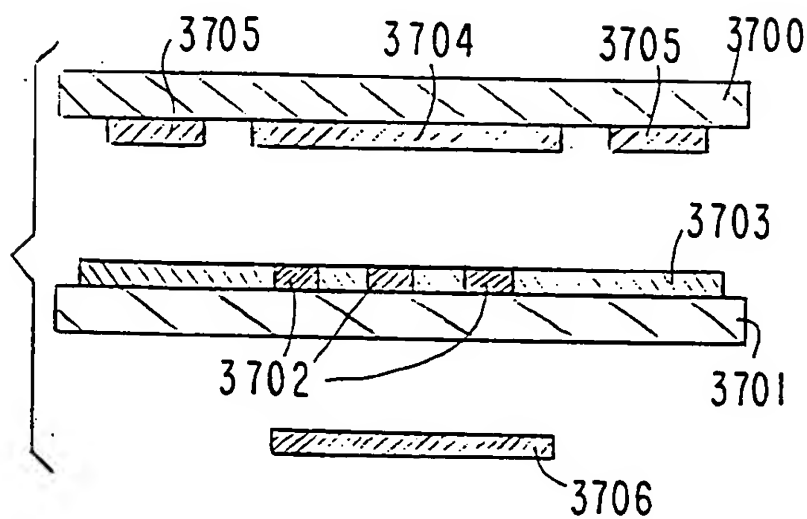


FIG. 38

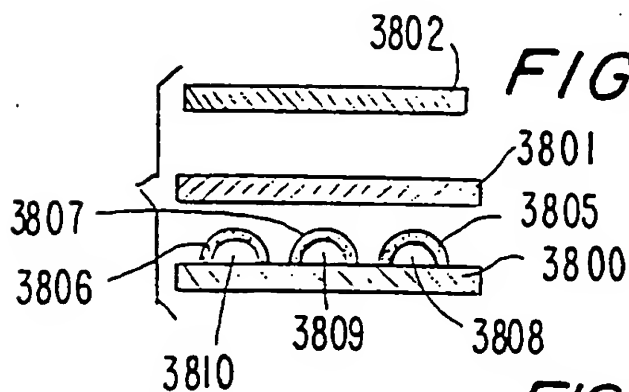


FIG. 39

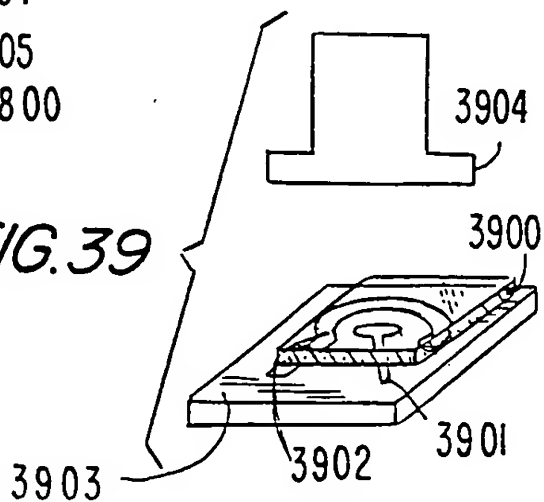


FIG. 40²¹

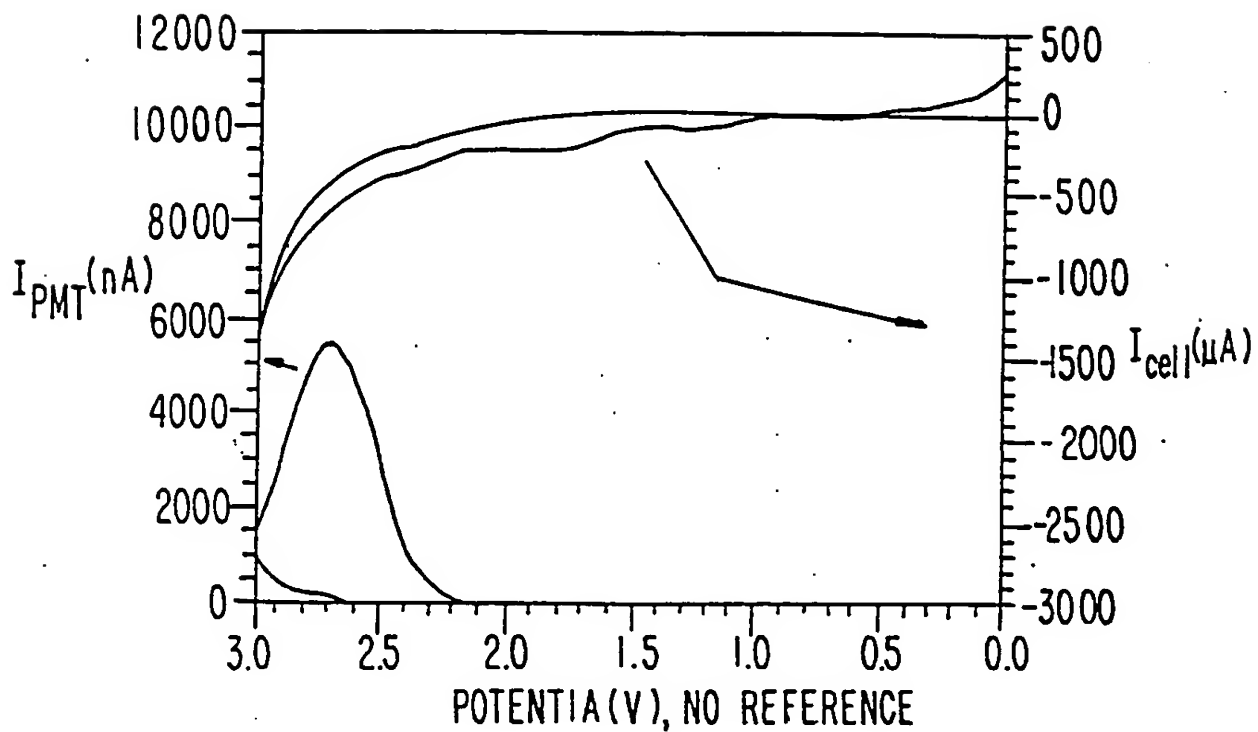
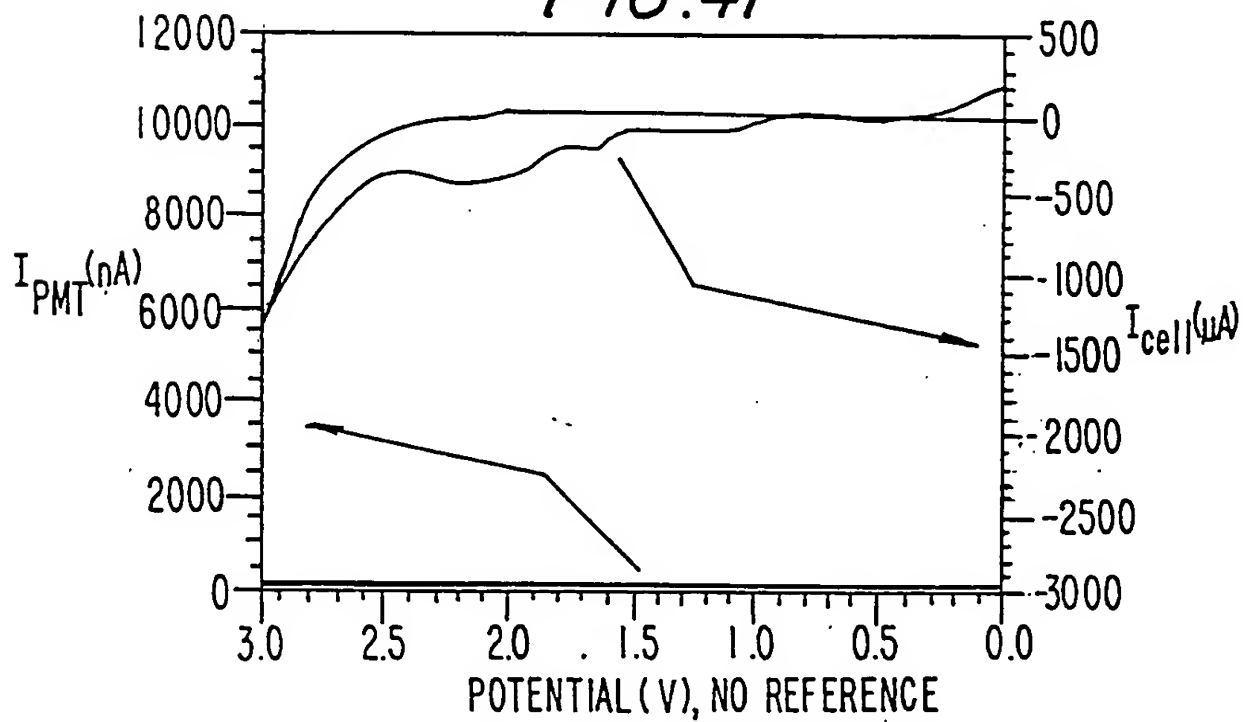


FIG. 41



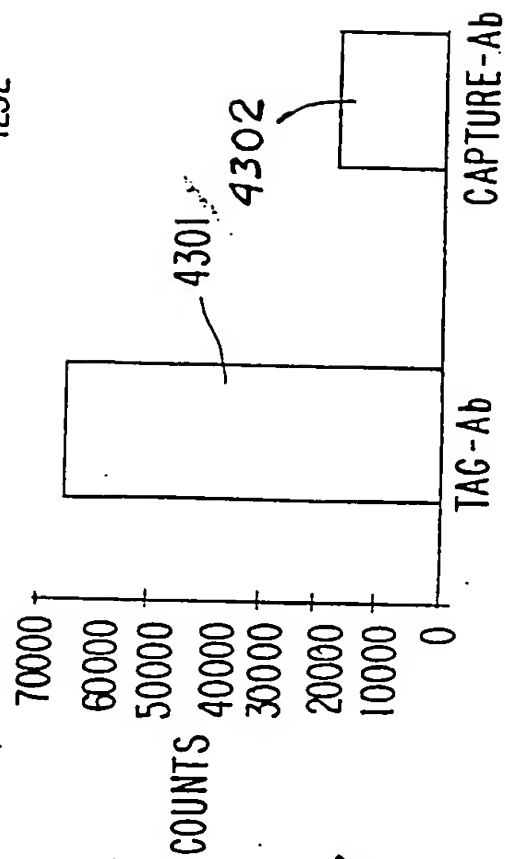
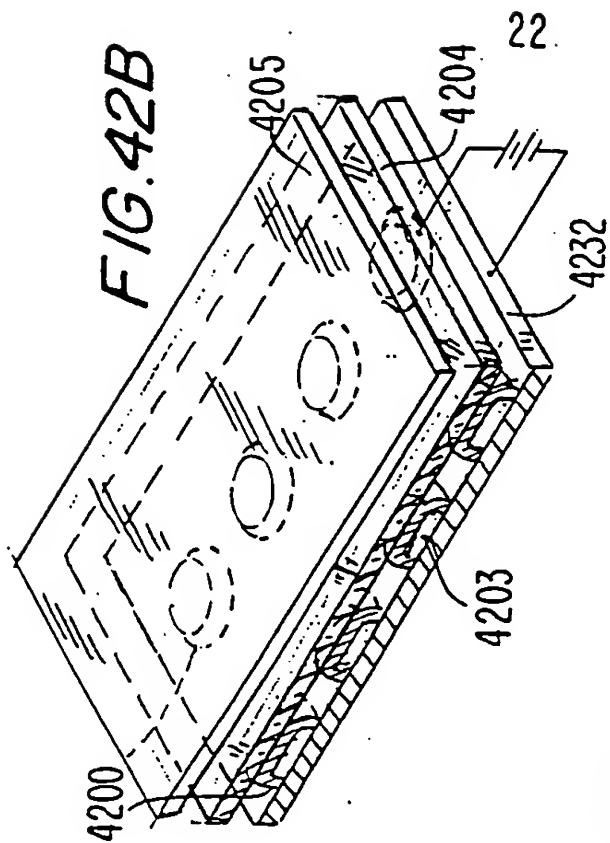
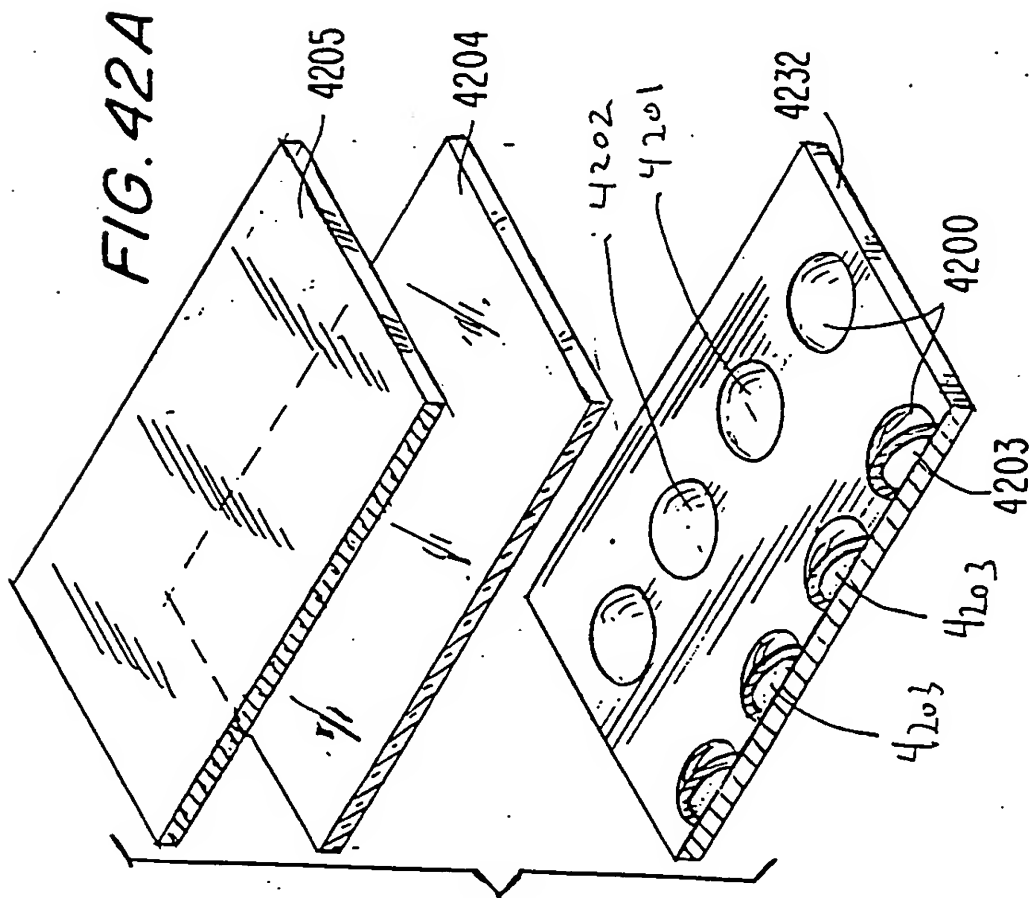


FIG. 43

FIG. 44A

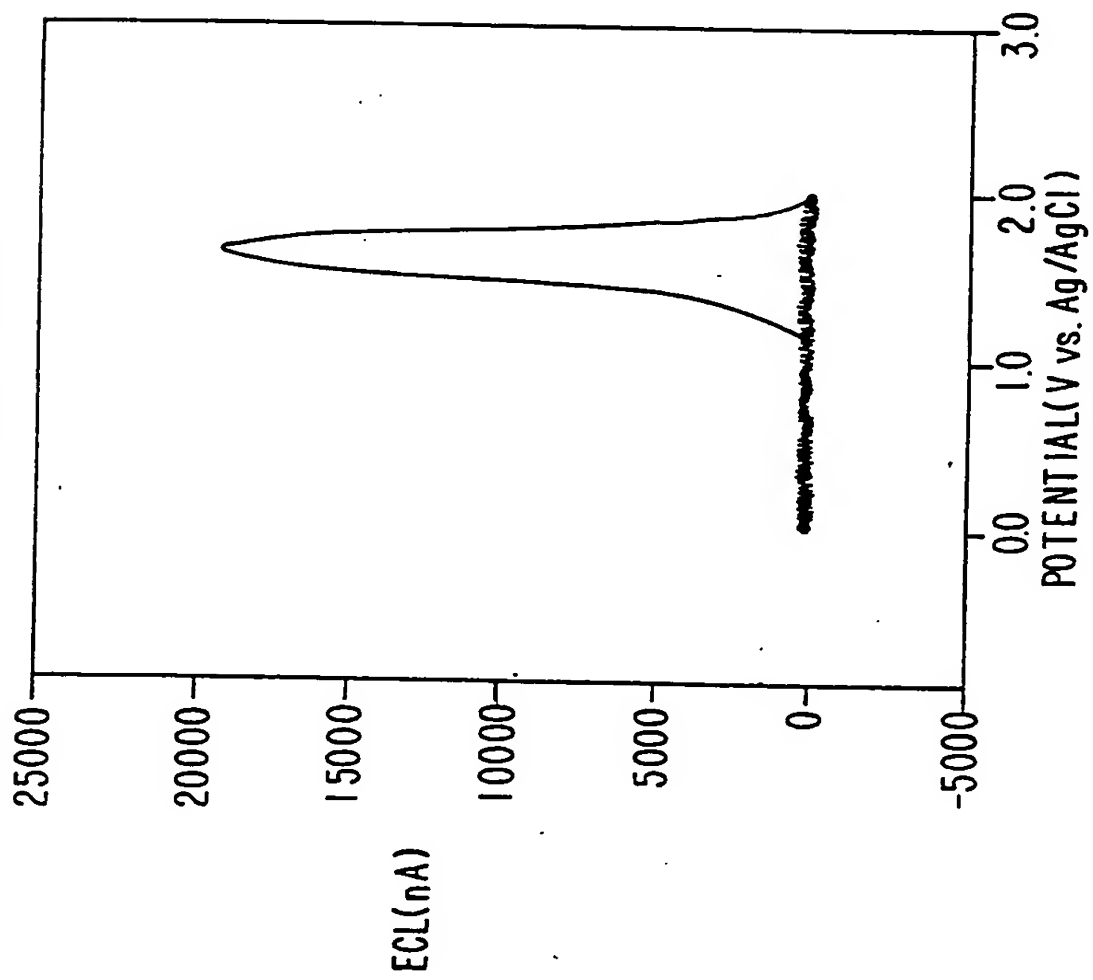


FIG. 44B

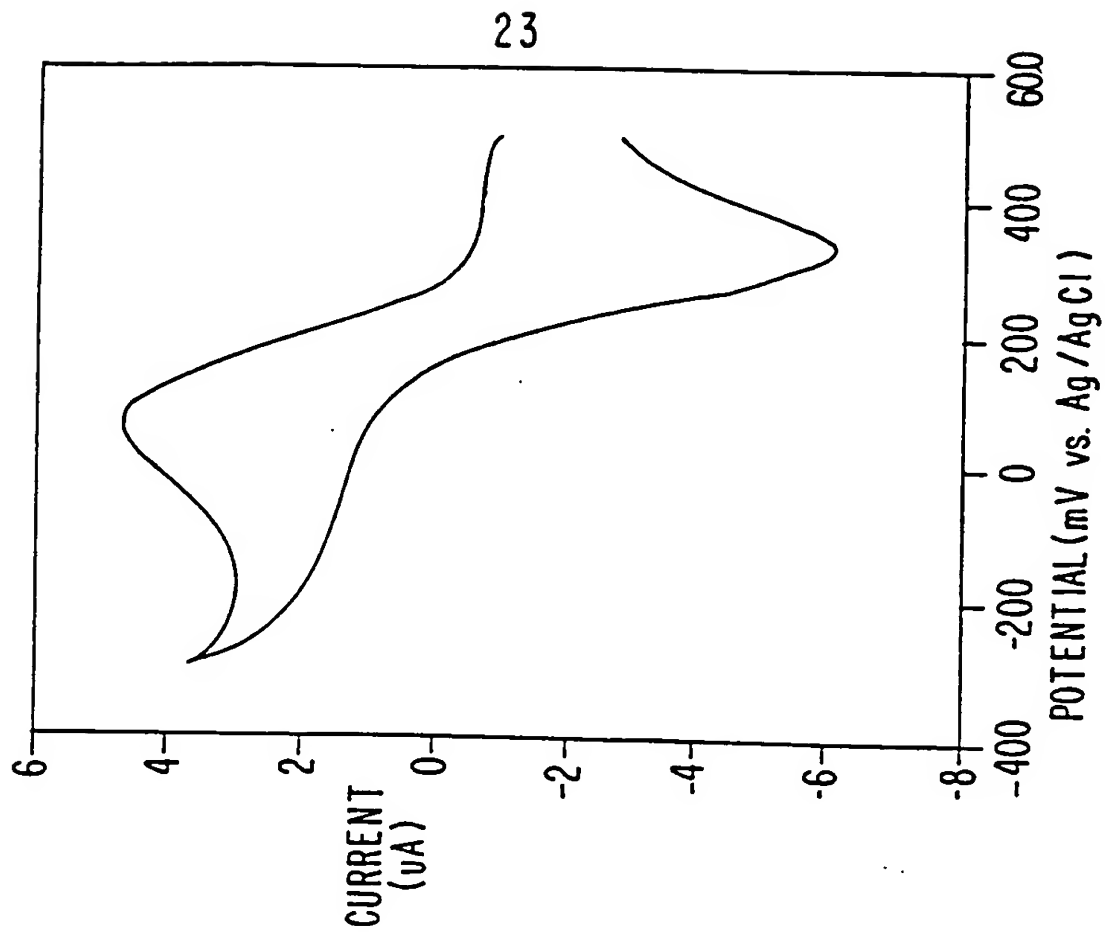


FIG. 45A

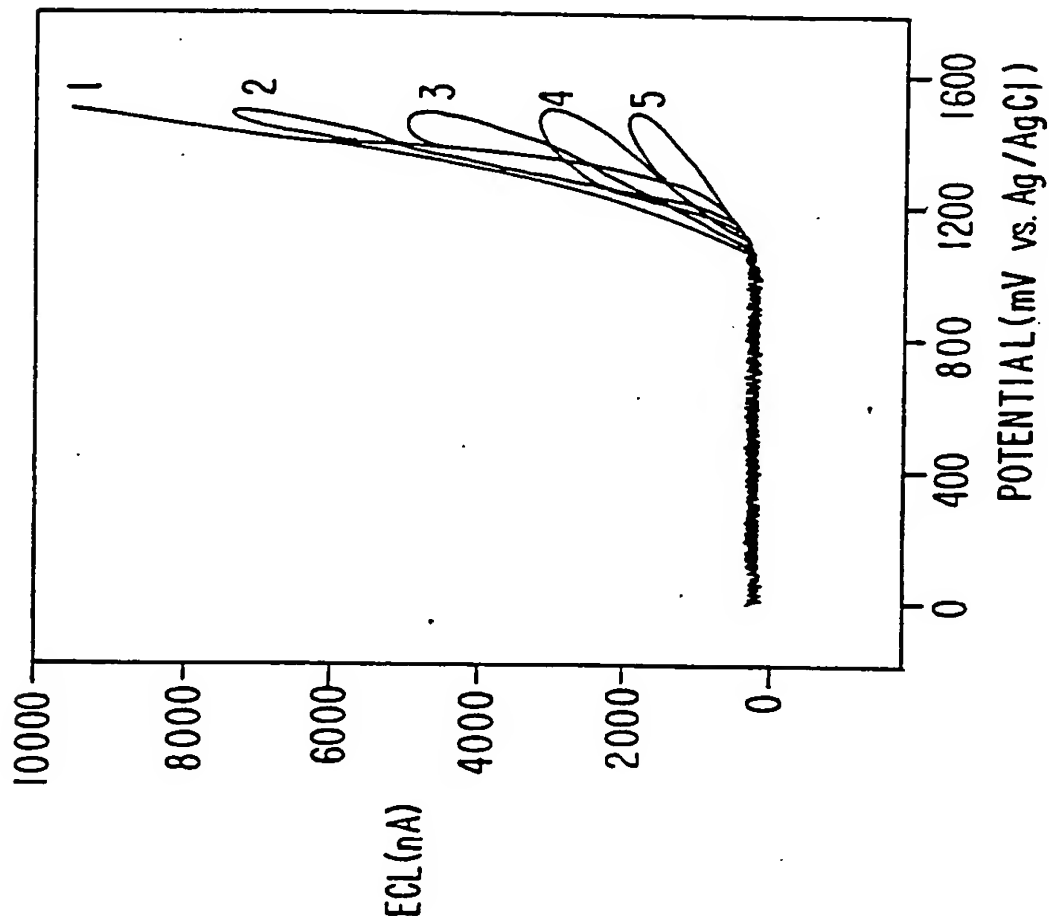


FIG. 45B

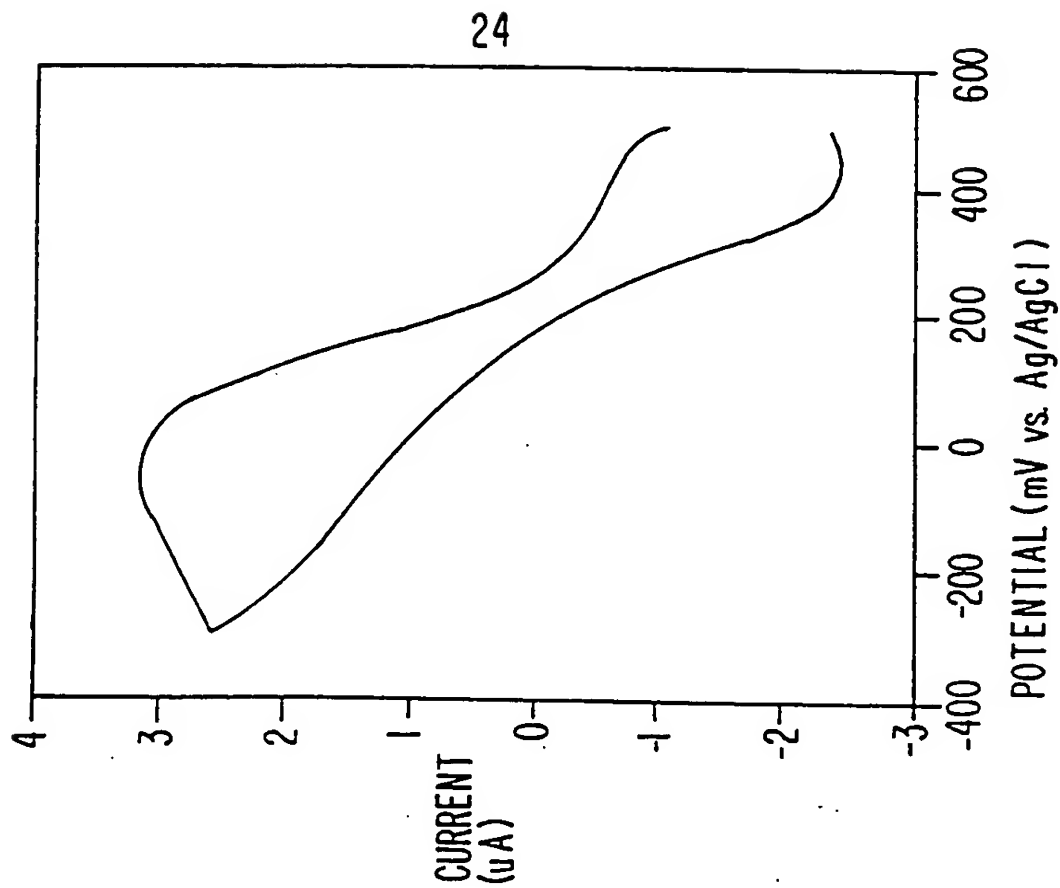


FIG. 46A

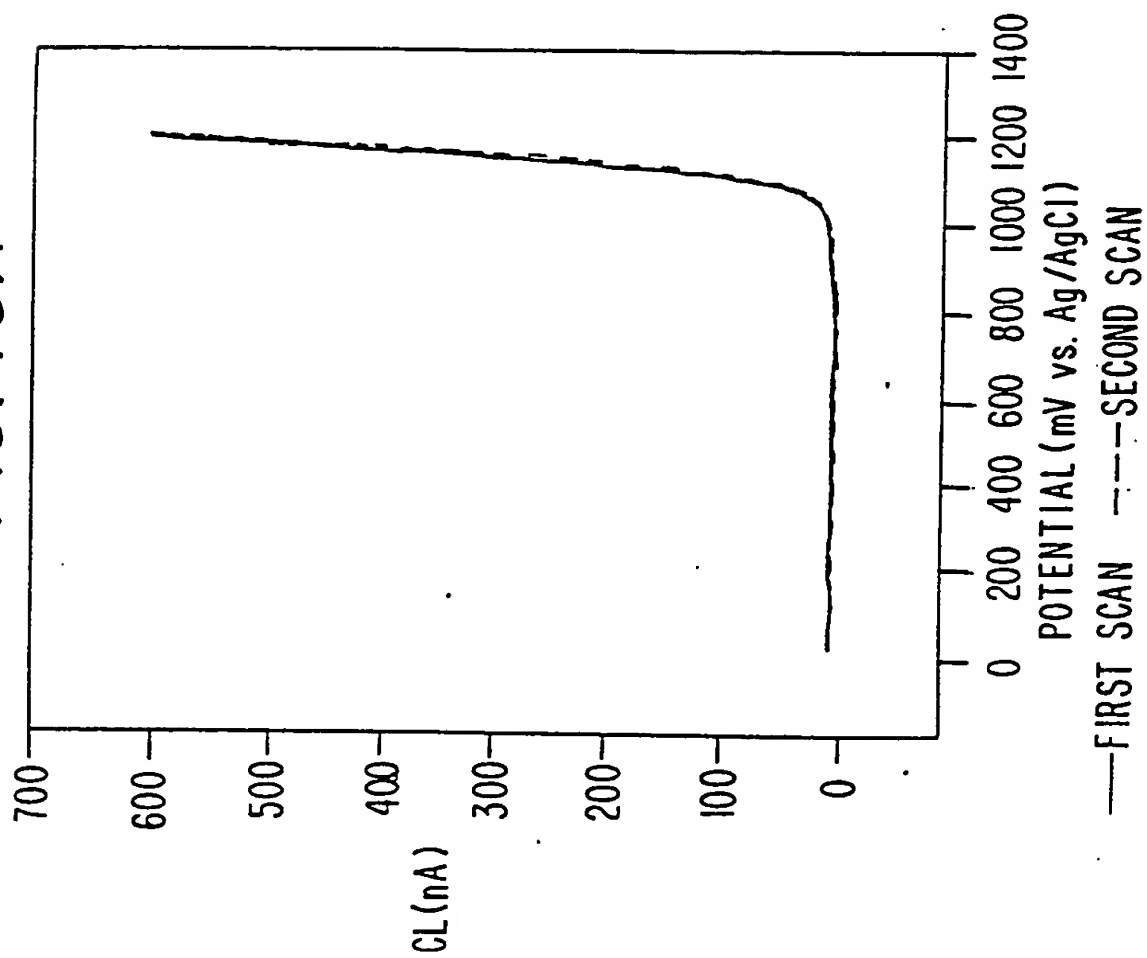


FIG. 46B

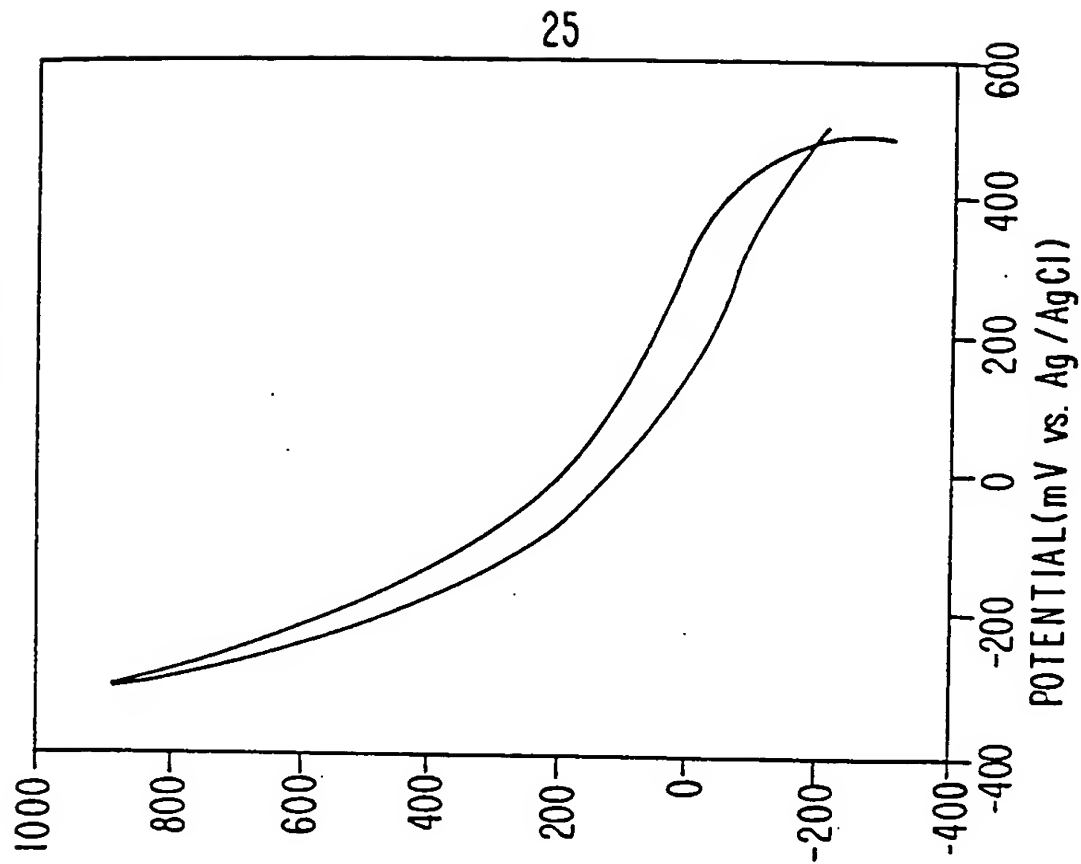
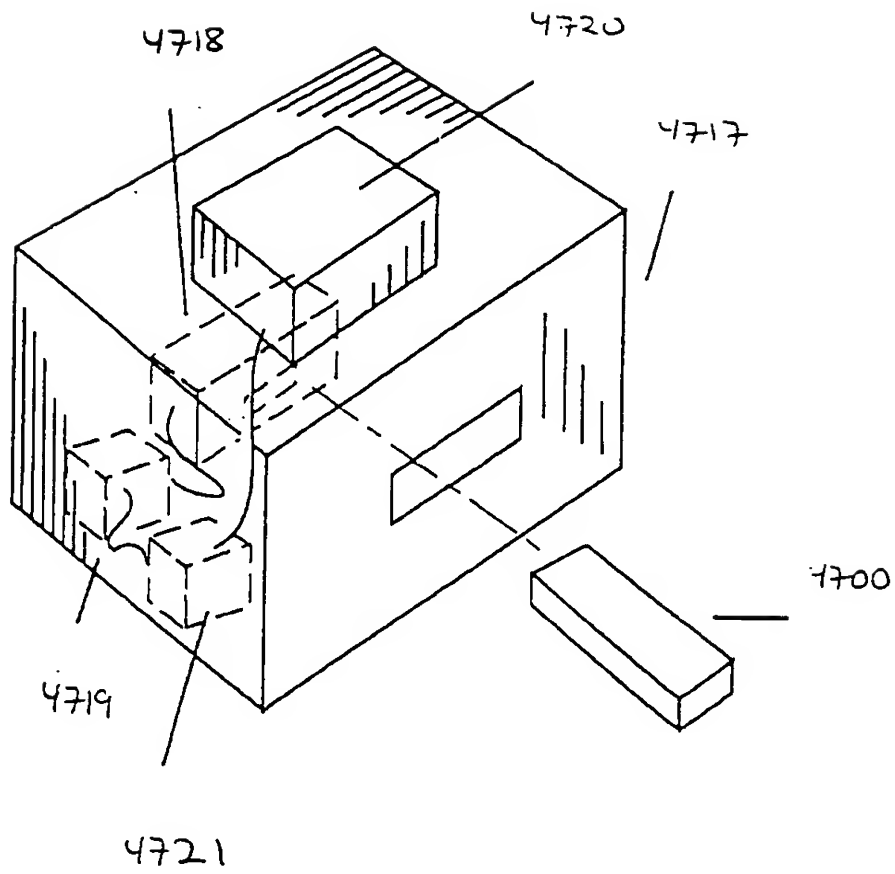


Figure 47



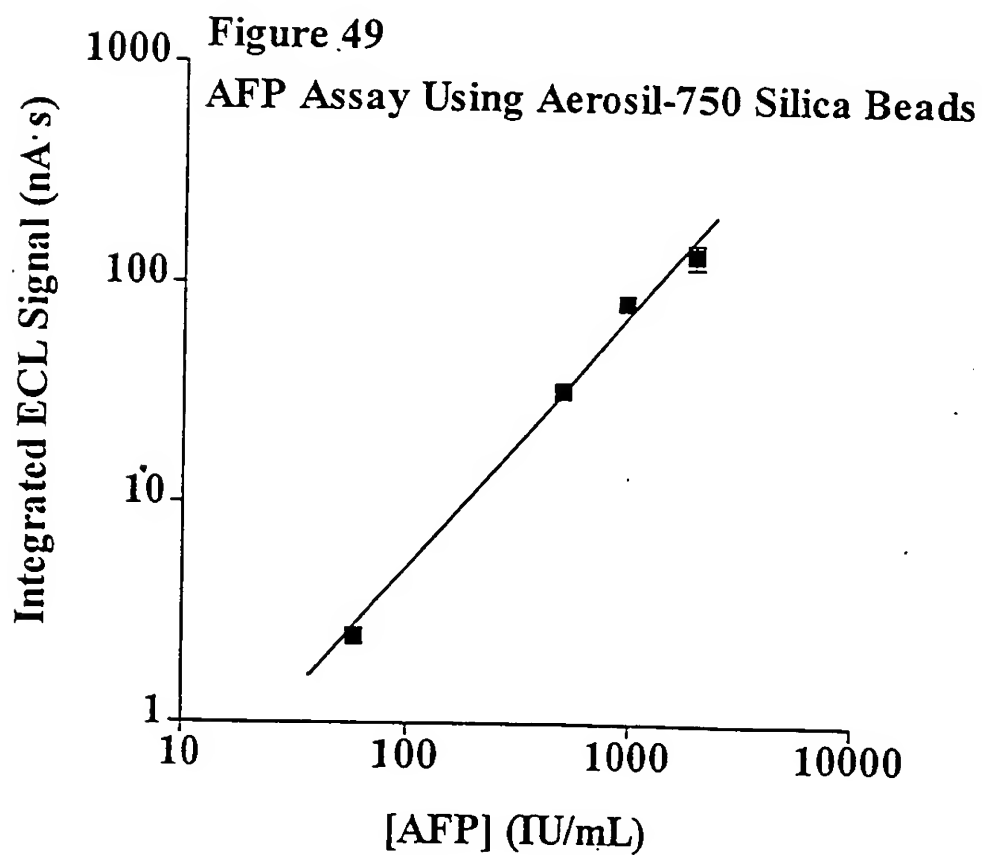
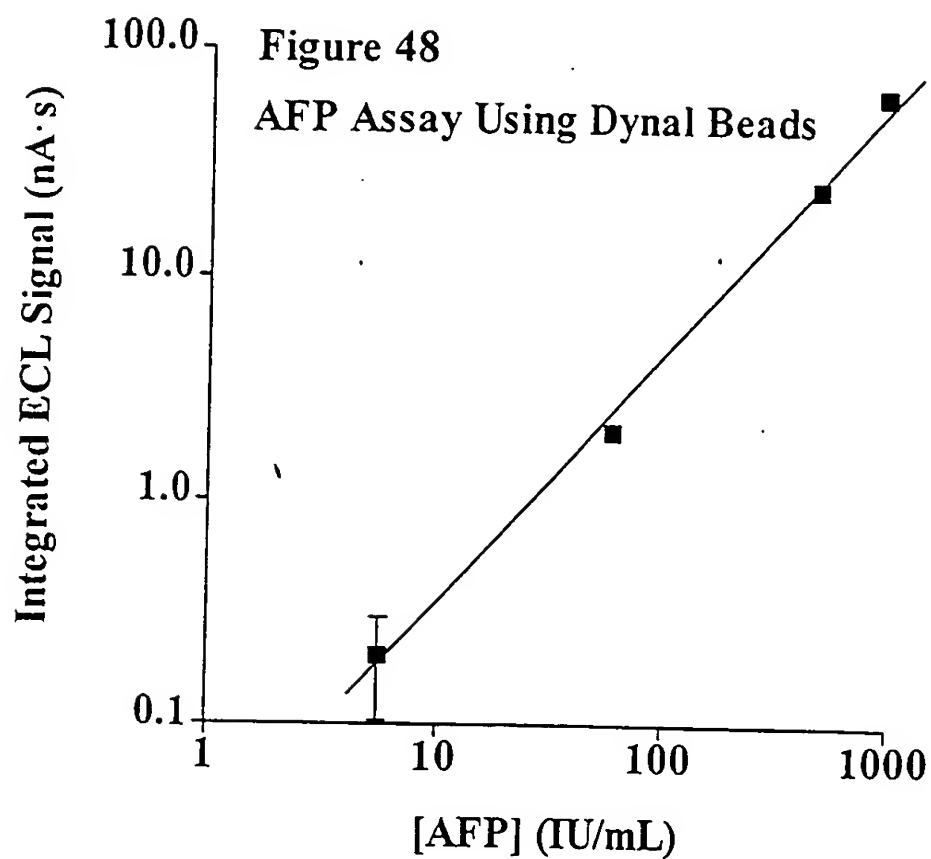


Figure 50

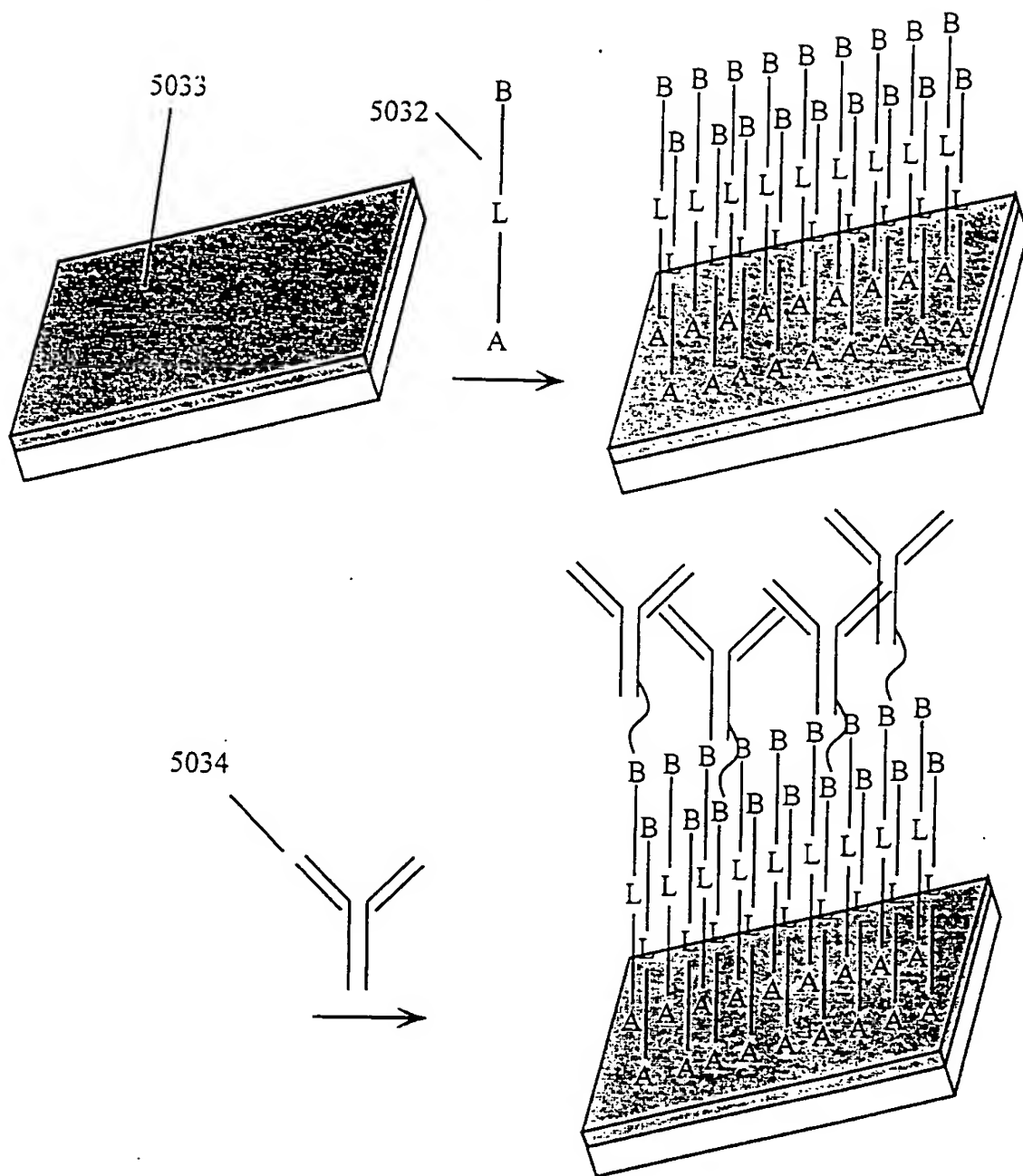


Figure 51

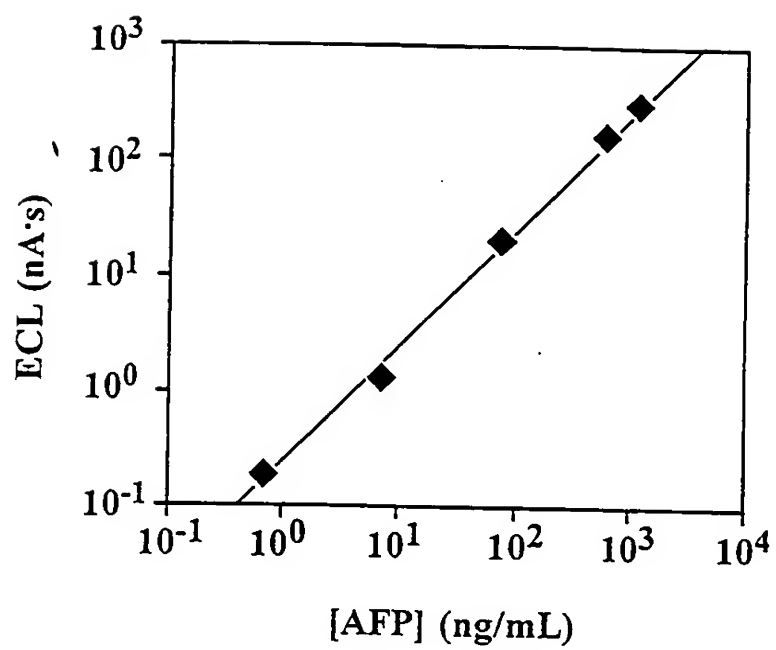


Figure 52

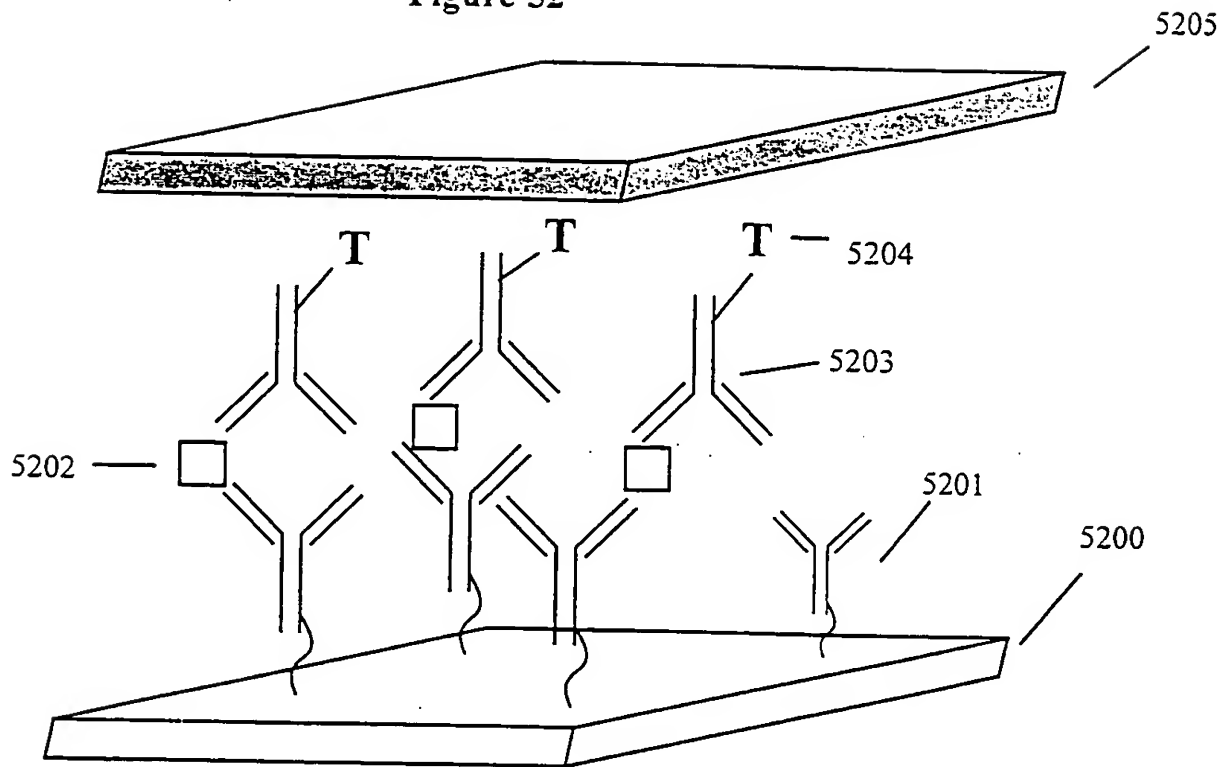


Figure 53

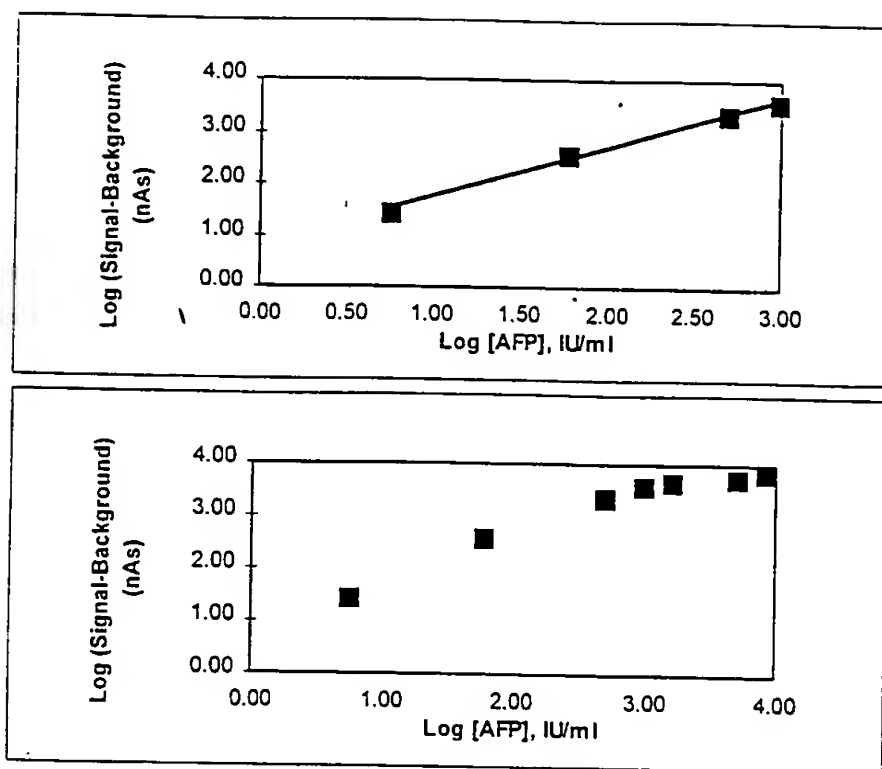
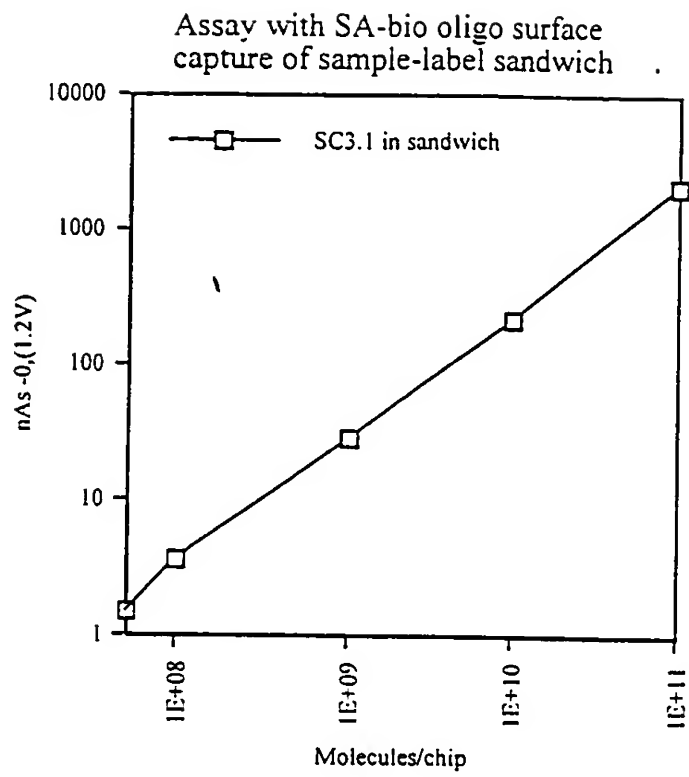


Figure 54



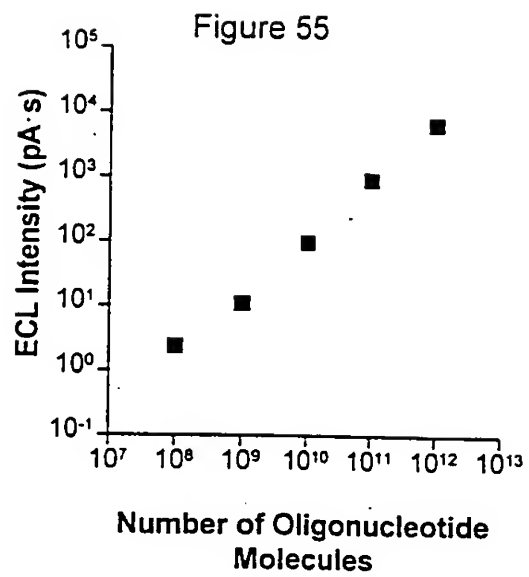


Figure 56

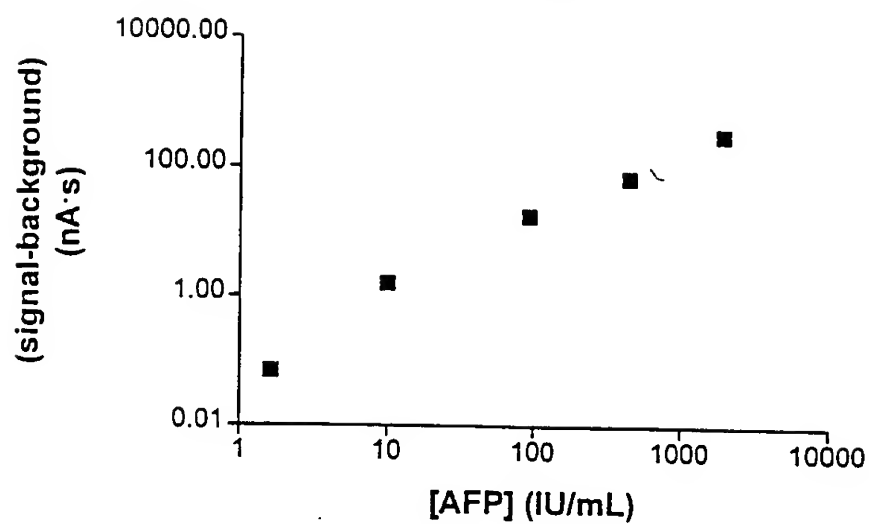
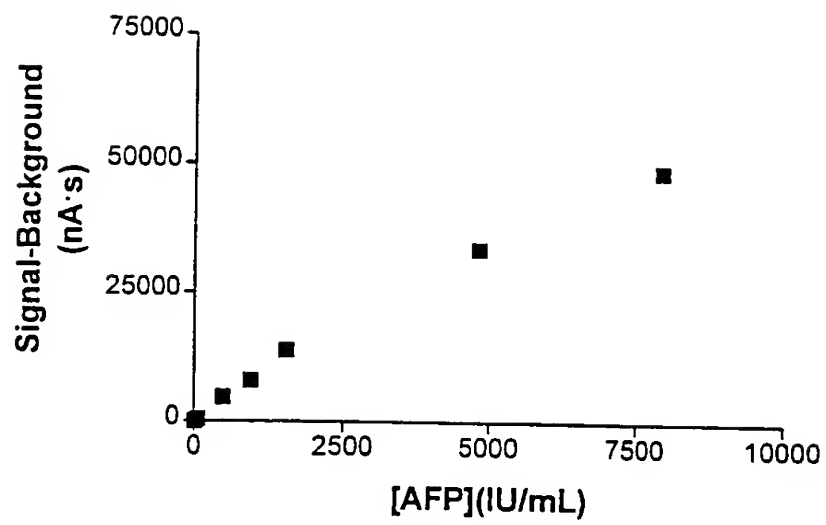
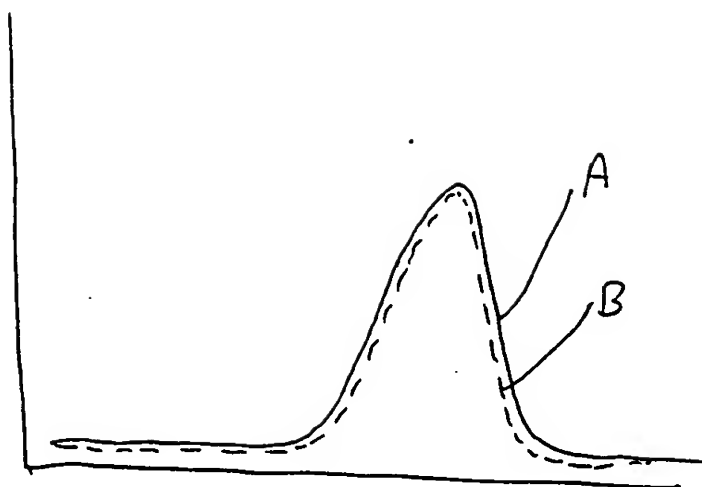


Figure 57



(A)

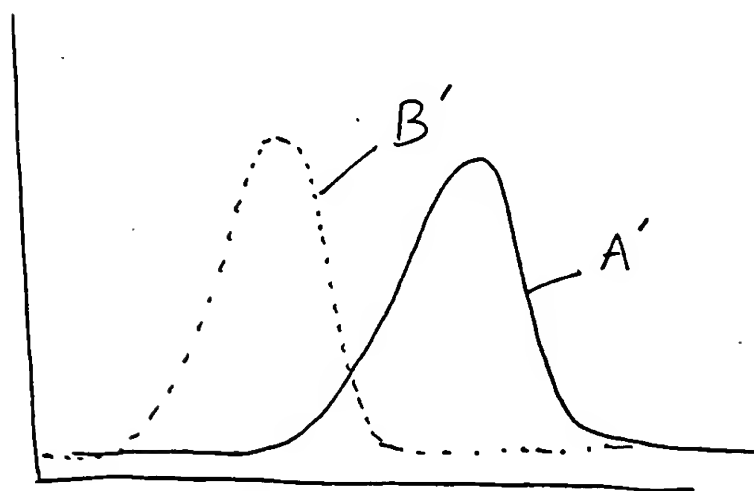
ECL
Signal



Electrochemical
Potential

(B)

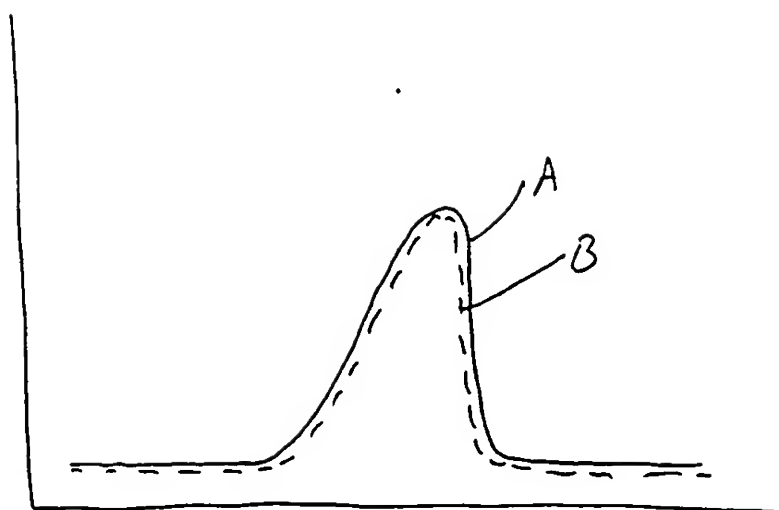
ECL
Signal



Electrochemical
Potential

Figure 58

(A)

ECL
SignalElectrochemical
Potential

(B)

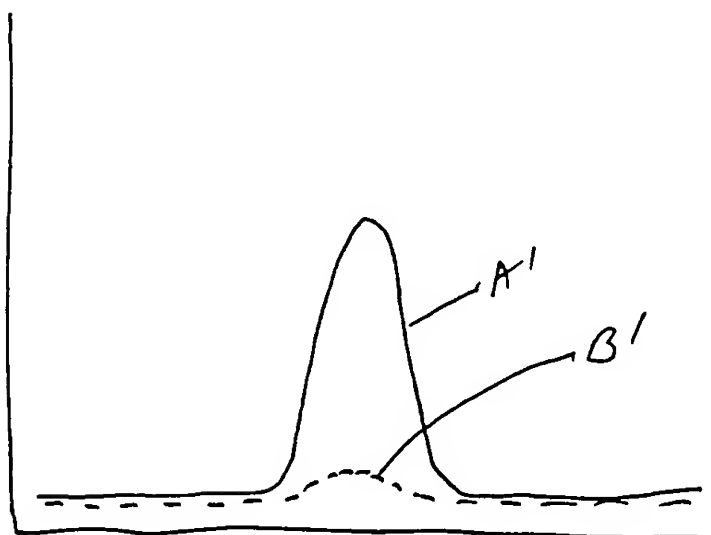
ECL
SignalElectrochemical
Potential

Figure S9

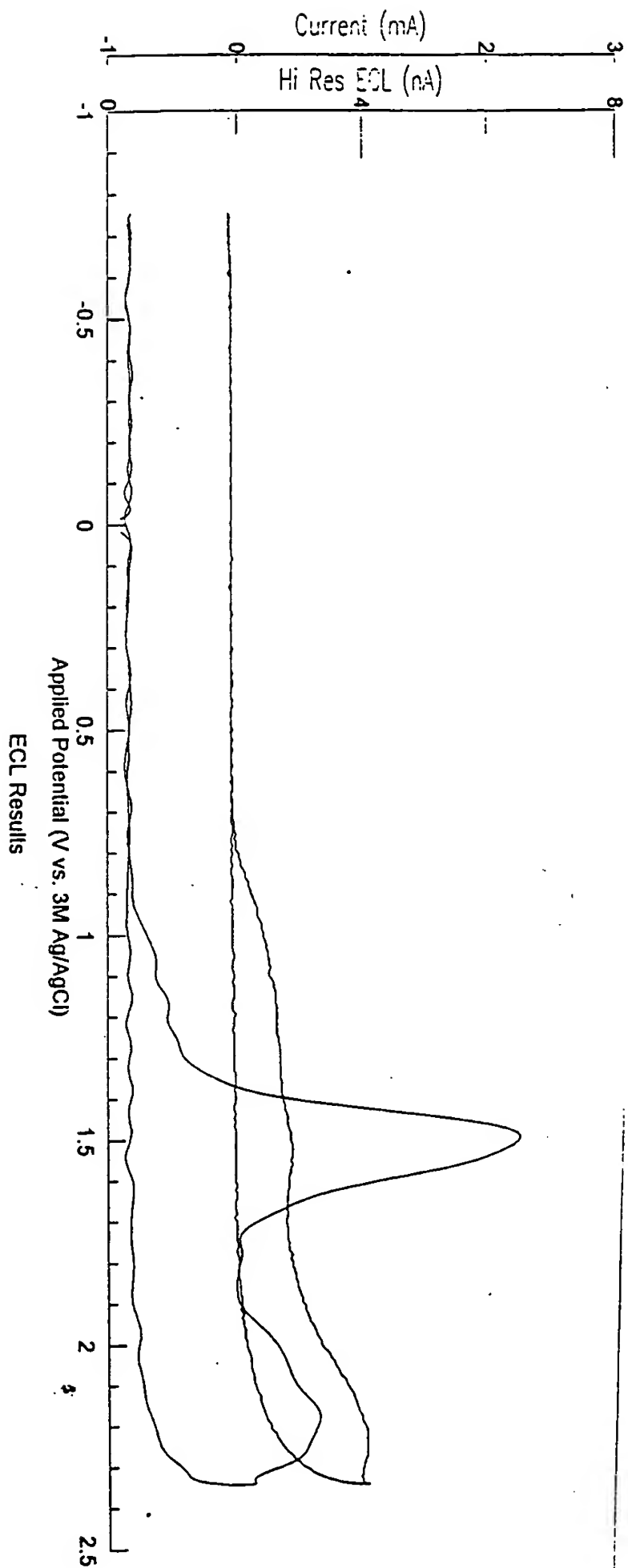


Figure 60

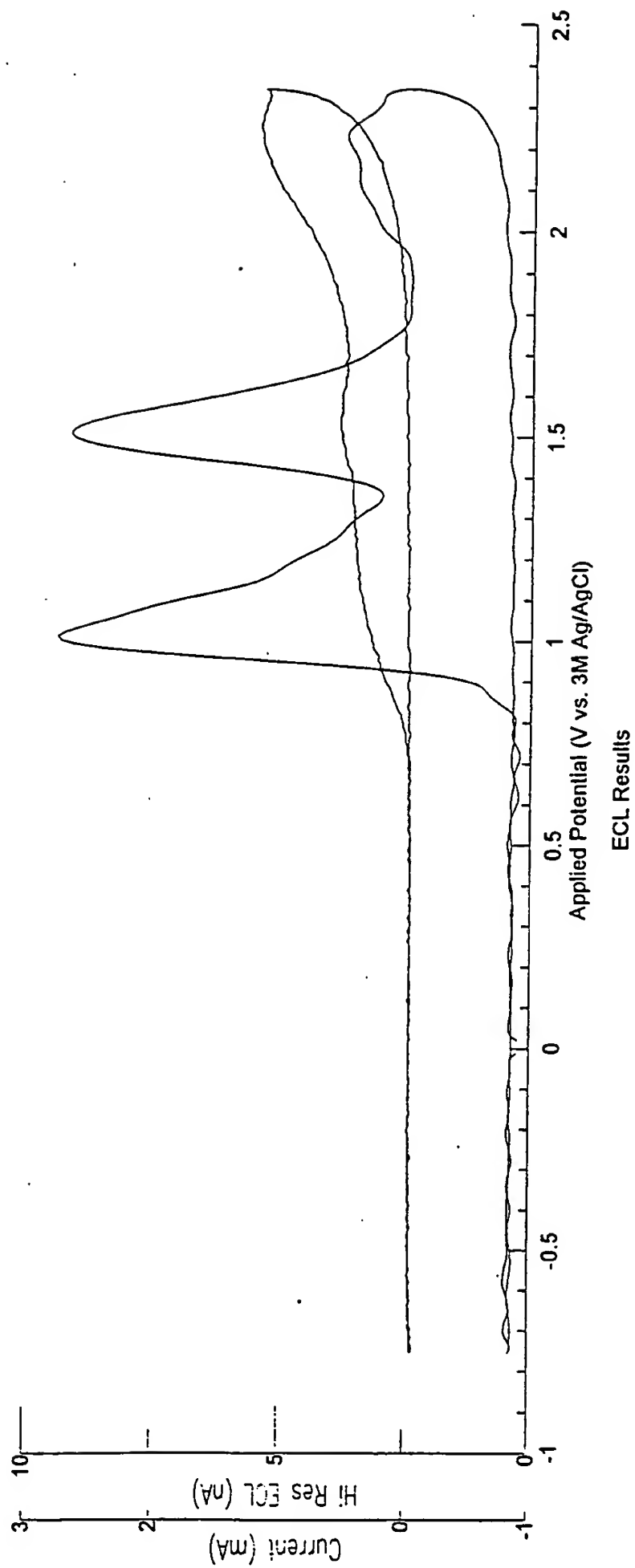


Figure 61

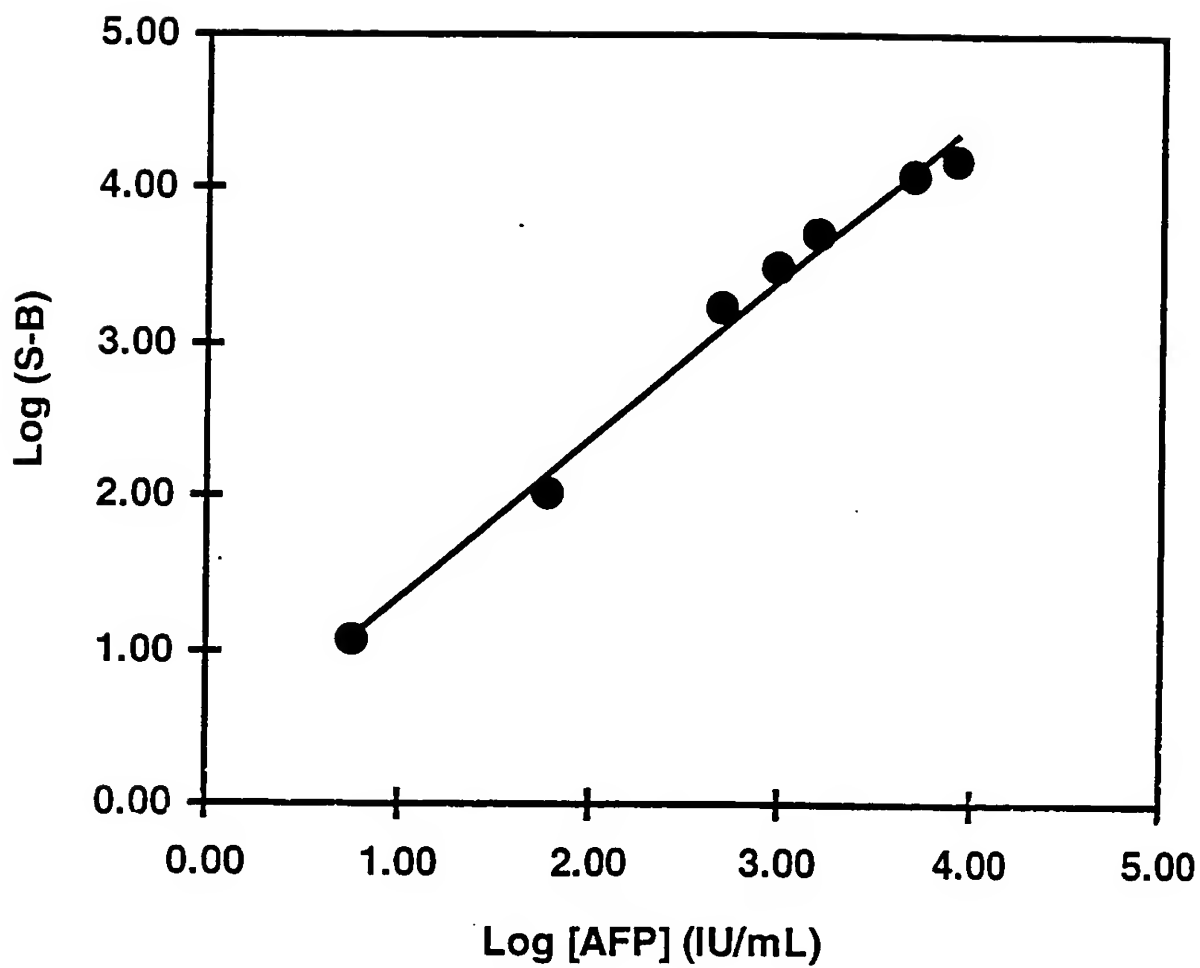


Figure 62

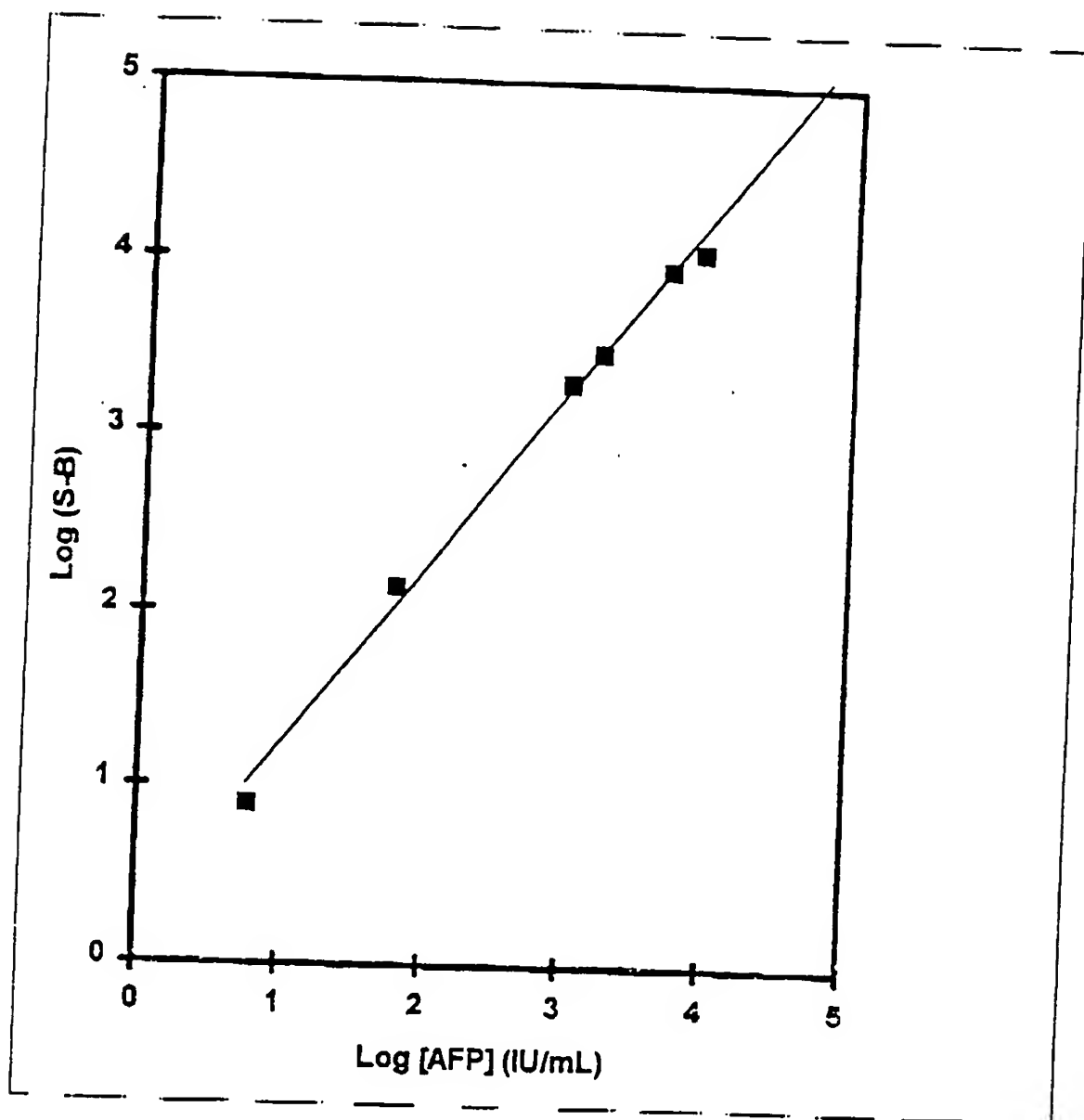


Figure 63

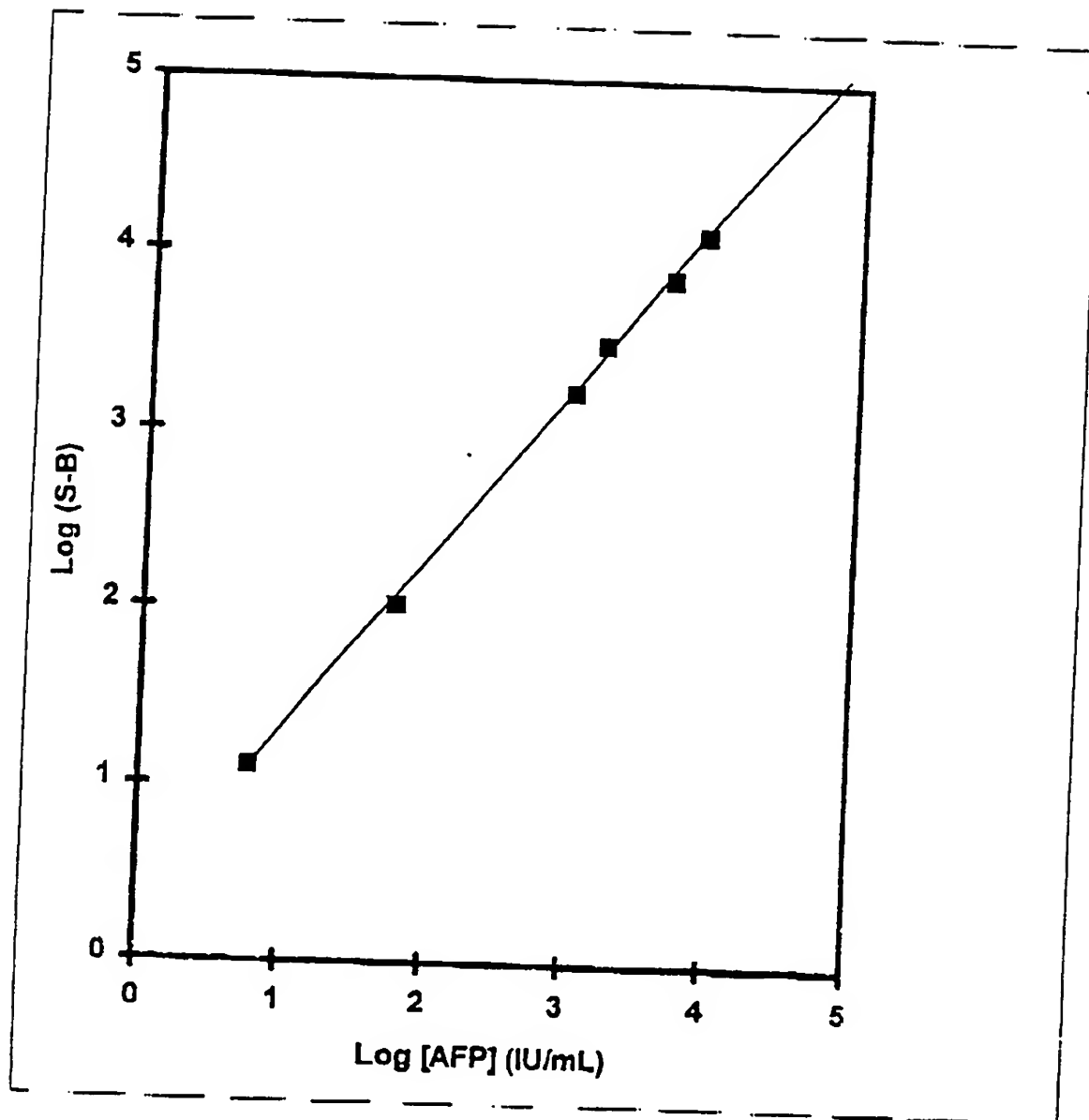


Figure 64

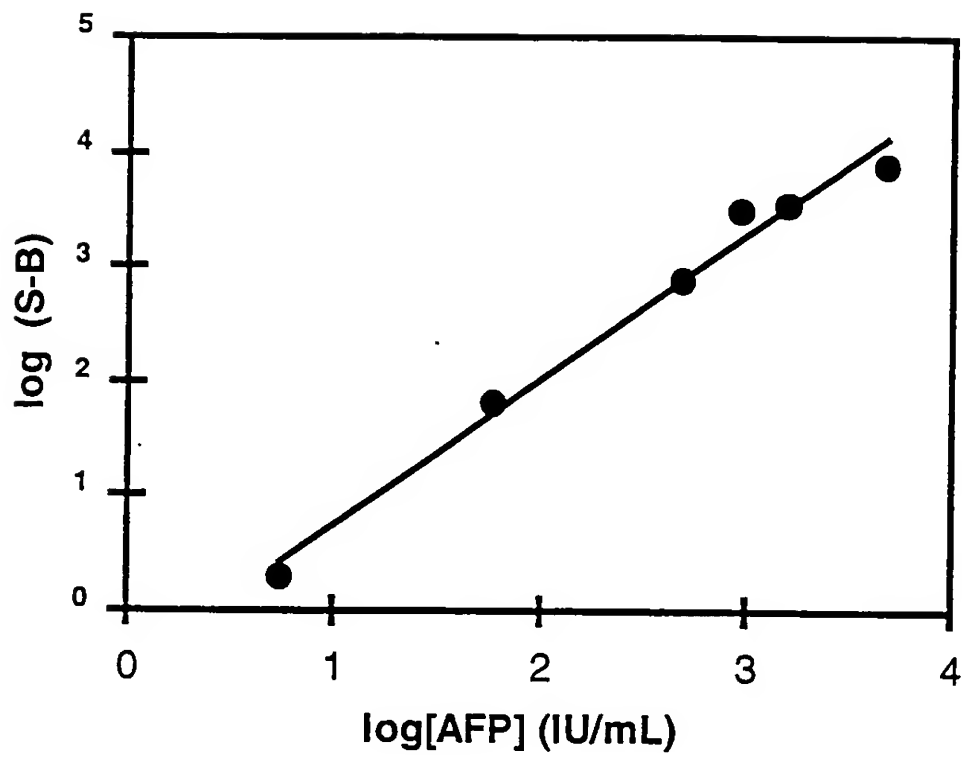


Figure 65

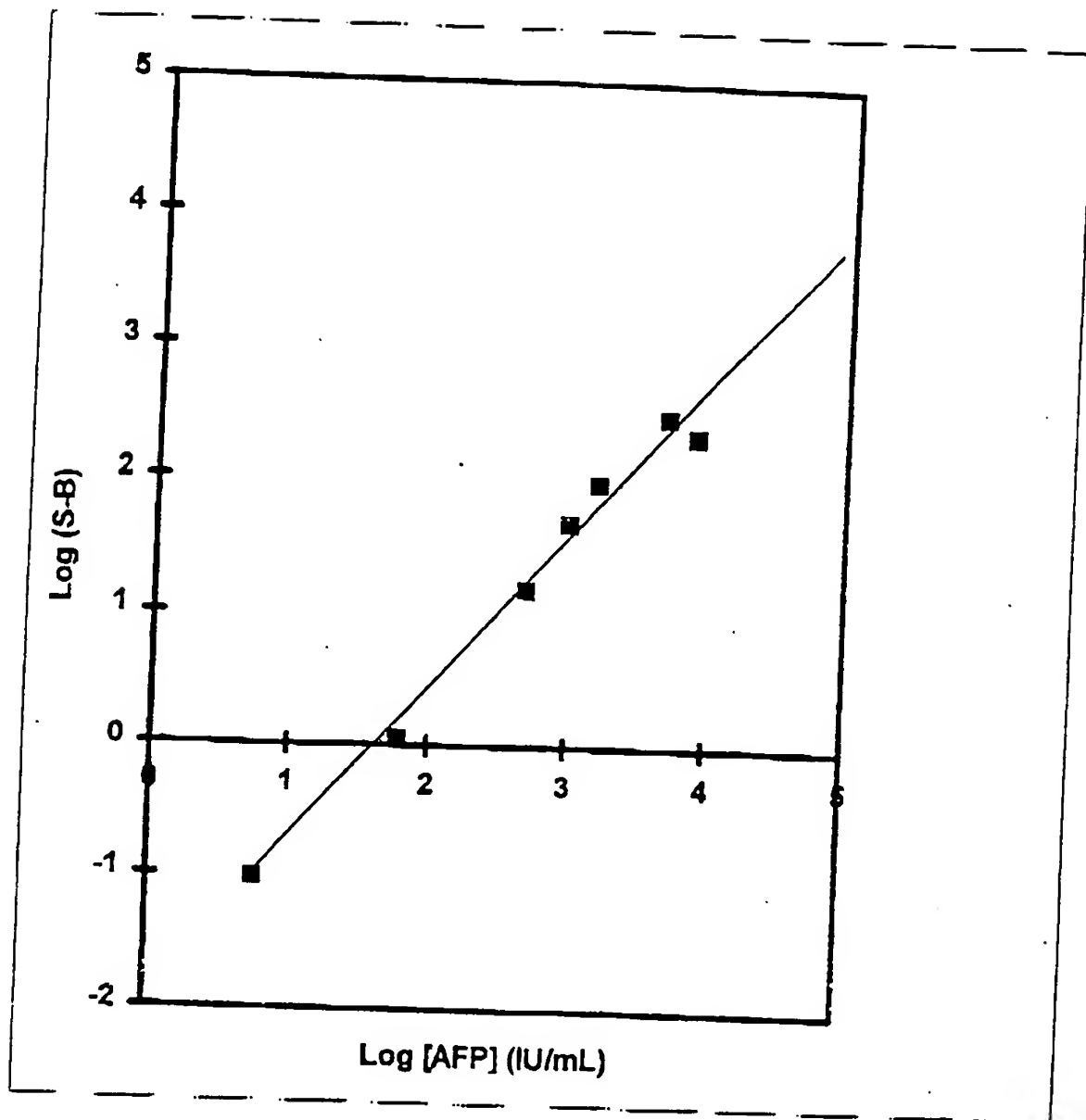


Figure 66

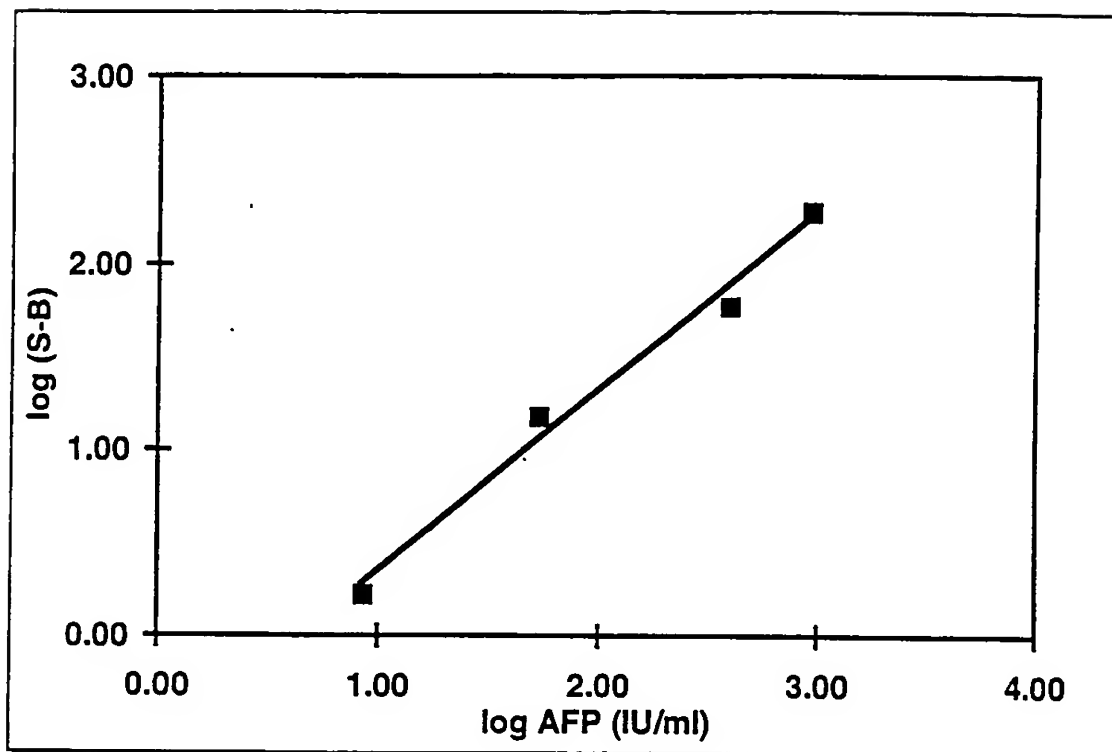


Figure 67

FIG. 68

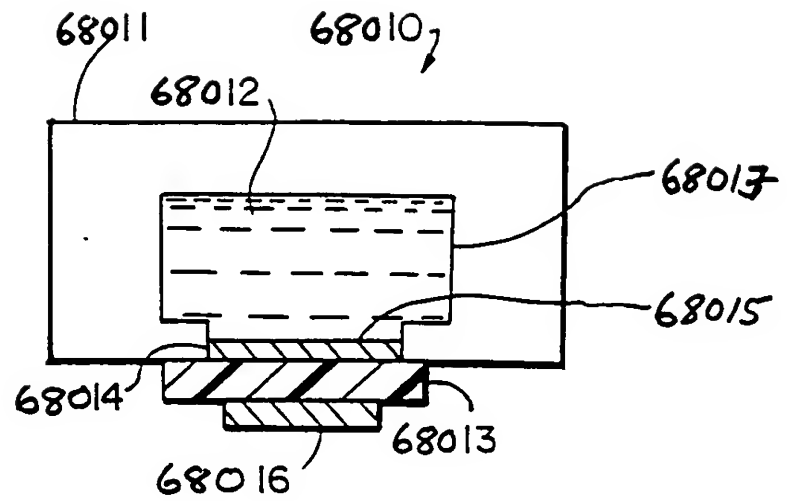


FIG. 69

